

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

St. Paul Is On The Air

CY9AA Bulletin #4 dated June 28, 1997 indicated that "As of 0300Z, CY9AA is on the air. The prediction of good weather was premature. The landing happened in gale winds and drenching rain. It was every bit as difficult as expected and it took over nine hours to get a vertical and dipole up and get on the air. The boys are wet and bruised, but there were no major incidents. As of 0300Z, they were active on 40 CW and 20 SSB with good signals into the West Coast of the U.S.

At daylight, they will begin installing the remaining antennas and they will announce their operating schedules as they make them and as band conditions permit. Tom, K5RC.

Editor--at deadline time we have one report of a 6m QSO with N4UK in EM84, at 1346Z on the 28th.

The Es Season So Far

Radio Amateurs in North America hoping for good Sporadic E conditions were disappointed in May and the first half of June. During the ARRL June VHF QSO Party, it seemed to your editor that what 6m openings did occur were short-lived and very localized. The SMIRK contest, the following weekend, had more and more widespread Es openings.

Oscar Morales, CO2OJ, reported: "Seems this is not our best year in Cuba for contesting. . . First the June VHF QSO Party and now the SMIRK. During almost 48 hours of listening for the SMIRK Contest, we only got one little opening of 20 minutes on Sunday noon to FM & FN areas. I worked 11 stations (4 SMIRK members) in 8 grids. . . As usually happens in a contest, 5 minutes after it ended, 6m opened to the NE. Heard lots of stations from FM & FN spread all over the band from .125 to .210 and among them W1REZ in FN55 at more than 2740 kms. I called him, but could not get his attention."

However, you will note on the following pages that there was an 2m Es opening from Bulgaria to the Netherlands on June 4, followed by a more widespread 2m Es the following day from England and the Netherlands to Russia (UY7, RA3, & UA1), Poland, Lithuania, and Belarus.

Thursday, June 26, the eastern half of the U.S.A. and Canada, got their 2m Es opening. By 2240Z, Rick Shafan, in Western NJ was hearing FM stations in MO, followed by TX. By 2255Z, N0LL in KS contacted WB3KRW, followed by N2KFC on 144 MHz. Word and the Es cloud spread, by

0030Z (June 27 UTC date) just about everyone east of Amarillo, TX was in on the opening. By 0100 things had quieted down somewhat, but reports of broadcast FM reception continued until after 0120Z, as did reports of 50 MHz multi-hop Es to the west coast.

Rick Robinson, K1JRW

I was deeply saddened to learn that Rick Robinson, K1JRW, passed away June 14. Rick was 78 and had been undergoing cancer treatments for the past several months. Rick was one of the first VHF'ers to confirm 100 countries on 6 meters, earning DXCC Award #12. I'll best remember Rick for his friendly and helpful manner on the "gentleman's band." He was a vigilant watcher who was always glad to alert others to band conditions and share news of interest. This upcoming cycle won't be quite the same without Rick. . . . Ron, WZ1V

I will miss talking on 28.885 to Rick. I didn't know him all that well personally, but we probably talked "6m" on 28.885 MHz at least 50-100 times over the couple years there was good F-layer on 10. He always had a kind word to say.

My most memorable experience with Rick did involve his kindness. One day I was mobile 100 miles+ from home, and he was talking to Doug, VE1PZ, & Gord, VE3KKL, on 28.885 (slow day for 6m DX) and he heard me break in. He offered some news of the day, relayed back and forth for Doug and Gord for me, then proceeded to play MY 6m beacon that he was hearing, BACK to me on 28.885. When I asked him why he did that, he simply said, I'll bet you have never heard your own beacon that way before and I thought you might like it. He was right, it was kind'a neat hearing it come back to me via Rick's shack, and it put a smile on my face.

Thanks Rick, Rest in peace, and hope you are enjoying the ultimate DX-land. — Mike/VE9AA (then VE1MQ).

Preliminary Report and Forecast of Solar Geophysical Data

This issue (PRF 1138, dated 24 June 1997) is the final free hard copy that we will mail for the foreseeable future. The document is now available on-line at our web site - <http://www.sec.noaa.gov>. It may be downloaded or printed directly from the web viewer using Adobe Acrobat® reader. Downloading the file produces the most satisfactory hard copy. No subscription for fee is available at this time.

May-June 1997 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of G4UPS, JA1VOK, JR3HED, VK3OT, EH8BPX, XE2HWW, VE7SKA, W6YM, YO7VS, K6QXY, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1997. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV or FM broadcast station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=worked, mode not mentioned, H=heard only.

Reports of Africa

CANARY IS.

05291436 EH8 WKQ G3HTA H G4UPS

CEUTA & MELILLA

05121200 EH9IB 57/55 IM85QG PETER S G4UPS
05201205 EH9IB 59/59 IM86 PETER S G4UPS
05221152 EH9IB 59 -1233 > IO80JV H G4UPS

EGYPT: Ezzat reports 6m openings May 27 1042-1704Z, May 30 0846-0848Z, June 1 0950-1003Z, June 3 0810-1758Z, June 9 1143-1146Z, and June 12 0944-1045Z.

05150810 SUIER 44 50.110 H G4UPS
05221650 SUIER 50.110 W G3EY
05221657 SUIER 33-44 -1757 50.110 H G4UPS

MADEIRA IS.

05251209 CT3FT 44 WKQ G STM > IO80JV H G4UPS
05281457 CT3FT 59/59 IM13>IL18 50.2 S EH8BFX
05281609 CT3HF 51/53 IM12OP 50.2 S EH8BFX
05301546 CT3FT 53--> > IO80JV H G4UPS

Reports of Asia (Middle East)

CYPRUS

05211730 5B4CY 559, 57981840 -1905 B G4UPS
05221705 5B4CY 579 > IO80JV B G4UPS
06121657 5B4CY 86 -1746 B G4IGO

GEORGIA

06180603 4L5PA 320° 50.110 JK1APA

ISRAEL

05161600 -4X6JA > IO90 G3HBR
05171500 4X1IF 599/319-419 KM72KD C YO7VS
05211738 4X1IF 559/419 KM72 RALPH C G4UPS
05221808 4X1IF 559 > IO80JV H G4UPS
05160800 4B5JA 599/579 KM72LT>KM14 C YO7VS

JORDAN

05221740 JY9QJ 579 > IO80JV H G4UPS

LEBANON

05150836 OD5SIX 559 KM74 50.0787 B YO7VS
06160725 OD5SIX 559 KM74 50.0787 B YO7VS

TURKEY

06151517 TA28CT 58.58 KM69KW W SUIER

Reports of Asia (Far East)

ASIA, GENERAL

06170906 ASIAN TV VID 320° 49.75 JH0MHE
06240400 ASIAN TV 55 BACKSCAT 49.750 V EJ3TIC

CAMBODIA

05110053 XU2A 50.120 C JE2XBY
05110113 XU2A 50.120 S JA5GJH/4
05110126 XU2A 50.120 S JI1CPH

CHINA

05030225 BS7H 50.110 C JR6HI
05030343 BS7H 50.110 S JR6HI
05150245 BY-TV 49.740 V JG2MLI
05150245 BY-TV 49.750 V JG2MLI
05160250 BY-TV 49.750 V JG2MLI
05190832 BG7KW 50.110 S JA1/2
06050815 BG7KW 50.110 S JR2HCB
06050815 BG7KW 240 59 QSB 50.110 JE4JFP

HONG KONG

05071037 VR97IL 50.110 S JR6SVN
05071038 VR97LC 50.110 S JR6SVN
05071106 VR97XRW 50.110 S JR6SVN
05110040 VR2PM 50.130 S JI1CPH
05110043 VS97XMT 50.110 S JI1CPH
05110050 VS97XMT 50.110 S JE2XBY
05110053 VR2PM 50.130 S JE2XBY
05110120 VS6KSC 50.160 S JI1CPH
05110121 VS97XMQ 50.145 S JI1CPH
05110128 VS97BF 50.115 S JE2XBY
05110136 VS6KSC 50.160 S JE2XBY
05110210 VR97XRW 50.145 S JE2XBY
05110217 VR97XRW 50.130 S JI1CPH
05110217 VR97XRW 50.175 S JI1CPH
05110240 VS6KSC 50.110 S JI1CPH
05110325 VS97XMQ 50.150 S JI1CPH
05110745 VR97SS 50.170 S JR8DAG
05110750 VS97LC 50.110 S JI1CPH
05110800 VS97LC 50.110 C JG8KGT
05110830 VS97SS 50.170 S JA6MCD
05110957 VS97SS 50.177 S JH3DMQ
05111000 VS97SS 50.177 S JE2XBY
05111008 VS97SS 50.177 S JI1CPH
05111050 VR2IP 50.120 C JE2XBY
05120810 VS97LC 50.110 S JG2MLI
05120841 VR97XMQ 50.110 S JA6MCD
05120845 VR97XRW 50.150 S JA6MCD
05120856 VR97XRW 50.120 S JH0BQX
05120859 VR97XMQ 50.110 S JH0BQX
05120913 VR97XRW 50.130 S JR2SQE
05120914 VR97XMQ 50.110 S JR2SQE
05121004 VR2UK 50.160 S JH0BQX
05121015 VS97XMT 50.110 S JR2SQE
05121021 VR97IL 50.150 S JR2SQE
05121115 VS97LC 50.120 C JR2SQE
05170205 VR2ELL 50.110 S JG2MLI
05180738 VS97IP 50.135 C JH0BQX
05221200 VR97XRW 50.130 S JH6VXP
05221203 VS97XMT 50.130 S JH6VXP
05271029 VS97XMT 50.110 S JA5CMO
05271114 VR97EYW 50.120 S JH6VXP
06010230 VR97IL 50.150 H JA5CMO
06010230 VR97XRW 50.150 H JA5CMO
06010230 VS97LC 50.150 H JA5CMO
06010231 VR97EYW 50.150 H JA5CMO
06010231 VS6KSC 50.150 H JA5CMO
06010231 VS97XMT 50.150 H JA5CMO
06010232 VS97PM 50.150 H JA5CMO
06010232 VS97XMQ 50.150 H JA5CMO
06010425 VS97XMT 50.110 S JR2HCB
06010600 VR97IL 50.145 S JA2
06010600 VR97PM 50.125 S JR2HCB
06010600 VR97XRW 50.165 S JA2
06010600 VS97LC 50.090 C JA2
06010627 VR2UK 50.135 S JG2BRI
06010628 VR2UK 50.135 S JE2XBY
06010640 VR2UK 50.125 S JR2ULS
06010642 VR2UK 50.125 S JE3PCP
06010645 VR2UK 50.135 S JI1CPH
06010648 VR2YRC 50.090 C JE2XBY
06010650 VR97PM > PM53 50.125 S JE2XBY
06010650 VS97LC 50.089 H JA1VOK/6
06010651 VR97LC 50.110 S JE3PCP
06010653 VR2UK 50.135 S JH6VXP
06010655 VR97IL 50.145 S JI1CPH
06010656 VR97PM 50.135 S JR2ULS
06010657 VR2IL 50.145 S JH6VXP
06010658 VR97PM 50.135 S JE3PCP
06010700 VR97PM > PM53 50.125 H JA1VOK/6
06010701 VR97IL > PM53 50.145 H JA1VOK/6
06010701 VR97PM 50.125 S JI1CPH
06010705 VR2IP 50.105 C JR2ULS
06010708 VR2EIX/b > PM53 50.075 B JA1VOK/6
06010713 VR97IL 50.145 S JE3PCP
06010714 VR2YRC 50.120 S JI1CPH
06010716 VS97LC 50.090 C JR2ULS
06010720 VR97XRW 50.165 S JI1CPH
06010722 VR2ELL > PM53 50.160 H JA1VOK/6
06010725 VR2ELL > PM53 50.250 S JA1VOK/6
06010725 VR97IL 50.450 S JR2ULS
06010730 VR2ELL 50.110 S JR2ULS
06010730 VR97ERW 50.170 S JR2ULS
06010730 VR97EYW 50.150 S JR2ULS
06010730 VS97XMT 50.150 S JR2ULS
06010731 VR97IL 240 RS 59 50.145 S JE4JFP
06010731 VR97XMQ > PM53 50.145 S JE4JFP
06010734 VR97XMQ > PM53 50.125 S JA1VOK/6
06010736 VS97LC 50.090 S JH0BQX
06010741 VR97IL > PM75 50.145 S JA3JTG
06010742 VR97XRW 50.165 H JA3JTG

06010750 VR97ELL 50.250 S JI1CPH
06010755 VS97LC 50.090 C JE4JFP
06010755 VS97LC 230 RST 599 50.090 JE4JFP
06010807 VR2ELL 50.110 S JR2HCB
06010809 VR97XRW 50.165 S JE4JFP
06010809 VR97XRW 240 RS 59 50.165 JE4JFP
06010810 VR97EYW 50.150 S JI1CPH
06010815 VR97EYW 50.150 S JR2HCB
06010854 VS97SS 50.088 C JE2XBY
06011123 VS6KSC 50.110 S JE2XBY
06011753 VS97SS 50.090 JROQFA
06020343 VS97XVD 50.110 S JR2HCB
06020343 VS97XVD 220 ssb 53 50.110 JA6EMJ
06030638 VS97XVD 57 50.180 JH4JPO
06030907 VS97XVD 230 57 50.135 JA1RJU
06030920 VS97XVD 50.135 S JE2XBY
06030957 VS97SS 50.088 C JE2XBY
06031004 VS97SS 50.088 C JR2HCB
06070224 VS97XVD 50.135 S JE2XBY
06070225 VR2ELL 50.135 S JR2ULS
06070254 VR97PM 50.130 S JR2ULS
06070257 VR97PM 50.130 S JE2XBY
06070328 VS97LC 50.126 S JE2XBY
06070335 VS97LC 230 579 50.089 JA1RJU
06070814 VS97XMT 50.110 S JA8RC
06070832 VR97IL 50.125 S JA8RC
06080030 VR97IL 50.160 H JA6TEW
06080030 VR97EYW 50.160 H JA6TEW
06080030 VS6KSC 50.160 H JA6TEW
06080030 VS97XMT 50.160 H JA6TEW
06080031 VR97PM 50.160 H JA6TEW
06080031 VR97XRW 50.160 H JA6TEW
06080031 VS97LC 50.160 H JA6TEW
06080032 VR97AF 50.160 H JA6TEW
06080140 VS97SS 50.245 S JR8DAG
06080220 VS97XMT > QM05 50.160 S JA1VOK
06080223 VR97AF > QM05 50.160 S JA1VOK
06080223 VR97EYW > QM05 50.160 S JA1VOK
06080232 VS97SS 50.091 C JE2XBY
06080245 VS97SS 50.085 C JR3HED
06080322 VS97SS 50.091 C JR2ULS
06080325 VS97XMT 50.130 S JR2ULS
06080327 VR97IL 50.130 S JR2ULS
06080328 VR97PM 50.130 S JE2XBY
06080328 VR97XRW 50.130 S JR2ULS
06080328 VR97EYW 50.130 S JR2ULS
06080328 VS97LC 50.130 S JR2ULS
06080328 VS97XMT 50.130 S JE2XBY
06080328 VS97XSC 50.130 S JR2ULS
06080329 VR97IL 50.130 S JE2XBY
06080329 VR97XRW 50.130 S JE2XBY
06080329 VS97XSC 50.130 S JE2XBY
06080330 VR97EYW 50.130 S JE2XBY
06080330 VS97LC 50.130 JROQFA
06080330 VS97LC > PM86 50.130 S JE2XBY
06080415 VS97XMT 50.130 S JA9BHE
06080416 VR97IL 50.130 S JA9BHE
06080416 VR97XRW 50.130 S JA9BHE
06080417 VR97PM 50.130 S JA9BHE
06080417 VS97LC 50.130 S JA9BHE
06080418 VR97AF 50.130 S JA9BHE
06080418 VS97XSC 50.130 S JA9BHE
06090227 VR97IL > PM74 50.110 H JJ3WXG
06090230 VR2EIX/b 50.075 B JJ3WXG
06090230 VS97XSC 50.110 H JJ3WXG
06090235 VS97XMT 50.110 H JJ3WXG
06090240 VR97IL 50.110 S JR2HCB
06090242 VR97IL 59 230° 50.110 JA1RJU
06090320 VR97PM 50.110 S JR2HCB
06090320 VS97SS 50.160 H JJ3WXG
06090322 VR97PM 59 230° 50.110 JA1RJU
06090326 VS97EYW 50.150 H JJ3WXG
06090328 VS97XVD 50.130 H JJ3WXG
06100042 VR2EIX 50.0744 B JH4JPO
06100042 VR2EIX/b 50.074 B JA4
06110200 VR97IL 50.110 S JR2HCB
06110314 VR2EIX/b > PM53 50.075 B JA6TEW
06160546 VR2EIX 50.075 JH4JPO
06160546 VR2EIX 539 50.075 B JA4JPO
06160620 VR2EIX/b 50.075 B JA1VOK
06160658 VR97EYD 50.110 S JR2HCB
06160658 VR97EYD 250 53 50.110 S JR2HCB
06160659 VR97EYD 50.110 S JA1VOK
06170945 VR2EIX/b 50.075 B JA5CMO
06200115 VS97KM 50.110 S JE2XBY
06200116 VR2EIX/b 50.075 B JE2XBY
06200144 VS97LC 50.091 C JE2XBY
06200218 VS97LC 50.135 S JR2HCB
06200230 VS97LC 50.135 H JA5CMO

JAPAN

05130405 JR6YAG/B 50.036 B JE2XBY
05220845 JA7JUSK > PM37 145.180 F HL1OLA
05280420 JG6V 50.110 VR97EYW
05310300 JROYYE/B PM97 50.033 B JR3HED
05310305 JA7EMA/B PL36 50.027 B JR3HED
05310500 JA1EYU/B QM05 50.024 B JR3HED
06020200 JI3PJU > QN16 144. S UA0FL
06040816 JA2IGY 330 weak-0826 50.010 B V73AT
06050733 JA9LSE pm86 50.110 V73AT
06050746 JH7LLE 579 50.110 V73AT
06050807 JI2EUL 50.110 V73AT
06060530 JR6YAG 30 599+ 50.038 B BV4PH
06080230 JR6YAG/B PL36 50.037 B JR3HED
06080407 JA2/3 -0426 > PL05 144.110 S BV1YA
06110241 JA2IGY OL72CG 50.010 B VR97IL
06170955 JA6YBR/B 50.018 B JR2HCB

KOREA, South

05100545 HL1FO 50.232 S JE2XBY
05100916 HL1LSV 50.193 S JE2XBY
05100923 DL1BJU 50.120 S JH0BQX
05100937 HL1FO 50.120 S JH0BQX
05100940 DL1BJU 50.140 S JM3UQC

05100940 HL1LSV
05100940 HL1LTC
05100950 HL1LTC
05100958 HL1LTC
05101005 HL1LTC
05101013 HL1LTC
05101019 HL1LTC
05110841 HL3PDJ
05110900 HL1LTC
05110915 HL1LTC
05110938 HL1LTC
05120842 HL1LTC
05171024 HL2DIB
05171025 HL2VNR
05220855 DL1BJU
05310130 HL1LTC
05310255 HL1LTC
05310310 HL1LTC
05310546 HL2GS
05310611 HL2DIB
05310951 HLOA/1
05310954 HLOA/1
05311150 HLOA/1
06010036 HLOA/1
06051059 HL1LTC
06060030 HL1LTC
06070345 HL1LTC
06070347 HL2DIB
06070735 DL1KXX
06070740 DL1KXX
06070745 HL1LTC
06070755 HL2DIB
06070756 HL1LTC
06070800 HL1LTC
06070803 HL1LTC
06070830 DL1BJU
06080050 HL1LTC
06080100 HL2LTP
06080100 HL2LTP
06080100 HL2LTP
06080209 HL3PDJ
06080210 HL2DIB
06080231 HL3PDJ
06080231 HL3PDJ
06080231 HL3PDJ
06080642 HL1LTC
06080648 HL2DWR
06080658 HL1LTC
06080713 HL1LTC
06090327 DL4APL
06090345 DL4APL
06090522 HL1LTC
06120303 HL1LTC
06120309 DL1KXX
06120314 DL1BJU
06120314 DL1BJU
06150855 HL1LTC
06230349 HL1LTC
06250514 HL2DJB
06250523 HL2DJB

50.193 S JA5GJW/4
50.110 S JH0BQX
50.120 S JA5GJW/4
50.120 S JH3QCC
50.120 S J11CPW
50.120 S JH2BQX
50.120 S JH3DMQ
50.134 S J11CPW
50.164 S JH3DMQ
50.119 S JH3DMQ
50.264 S JH3PCP
50.110 S JG2MLI
50.215 S JA2/3
50.185 S JG2MLI
50.120 S JA1
50.260 S J11CPW
50.130 S JA1VOK
50.110 S JA1VOK
50.190 S JA1VOK
50.212 S JA1VOK
50.110 S JG8KGT
50.110 S JH3KGT
50.130 S JA1VOK
50.110 S JH3VSP
50.120 S JA1VOK
50.230 S J11CPW
50.120 S JH1TGH
50.180 S JH0QFA
50.150 S JH2KBY
50.150 S J11CPW
50.240 S JH2KBY
50.220 S J11CPW
50.240 S J11CPW
50.240 JA1RJU
50.110 JA1RJU
50.120 S JA8RC
50.110 S J11CPW
50.110 S JH2HCB
50.110 H JA1VOK
50.110 JA1RJU
50.100 H JA1VOK
50.160 H JA1VOK
50.100 S JH2HCB
50.100 JA1RJU
50.233 S J11CPW
50.250 S J11CPW
50.120 S JA1VOK
50.200 S JA9BHE
50.110 JA1RJU
50.110 S JH2HCB
50.110 S JH2KBY
50.110 S JH2HCB
50.127 JH2HCB
50.150 JH2HCB
50.150 JH2HCB
50.110 S JA1VOK
50.110 S JH2HCB
51.000 F JH2HCB
50.100 C JH2KBY

05270419 BV2FG/B
05270419 BV4CW
05270950 BV2FG/b
05270950 BV2PU
05270953 BV2FG
05271047 BV2FG
05300200 BV2FG 559 240
05300807 BV4FK > PM64
05300826 BV2QS
05300917 BV2FI 59
06010316 BV2FI
06010356 BV2FI
06010440 BV4FK
06010441 BV2FI
06010442 BV2FI
06010443 BV7GJ
06010605 BV4FK
06010655 BV4FK
06010720 BV2FI
06010725 BV4FK
06010742 BV4FK
06010759 BV4FK 220 RS 59
06020922 BV2FG/b
06030600 BV2FG/b
06030629 BV2FG
06030629 BV2QS 599 CLG CQ
06030744 BV2FG/B
06030955 BV4CW
06050200 BV2FG/B
06050748 BV2QS 230 599
06050818 BV4QS 230 59
06050855 BV2QS
06050906 BV4CW
06050917 BV4CW 230 599
06050924 BV2PU
06050929 BV4CW
06060142 BV2QS
06060350 BV2FG/B
06060845 BV2FG/B
06070235 BV2QS
06070237 BV2QS
06070240 BV4CW
06070242 BV4CW
06070257 BV2QS 230
06070258 BV4CW
06070304 BV4CW
06070318 BV4CW > QM05
06070320 BV2QS > QM05
06070334 BV2PU
06072326 BV1YA > PM86
06072334 BV1YA
06072335 BV1YA
06072337 BV1YA
06072338 BV2QS
06072340 BV1YA
06072341 BV1YA
06072343 BV2QS
06072352 BV1YA 230 59
06080006 BV1YA
06080017 BV1YA
06080019 BV1YA > QM05
06080208 BV2FI
06080225 BV7GK
06080230 BV7GK
06080231 BV2FI
06080235 BV7GK
06080240 BV2FI
06080240 BV7GK > QM05
06080242 BV1YA
06080242 BV2FI > QM05
06080254 BV7GK 230 59
06080304 BV2FI
06080305 BV1YA
06080311 BV1YA
06080327 BV7GK > QM08
06080504 BV4PK
06080508 BV1YA > PM53
06080518 BV4PK
06090232 BV4CW
06150419 BV2LK 240 59 CLG CQ
06151421 BV2EK
06160450 BV2FG 240 599-0630
06160630 BV2FG/B
06160800 BV2FG/B
06170430 BV2FG/B
06170903 BV3FG
06170906 BV3FG 230 248
06170908 BV3FG
06170940 BV2PU
06170940 BV2PU
06170940 BV4CW
06170942 BV4CW
06170950 BV2QS
06170950 BV2QS
06171000 BV2FG/b
06171000 BV2FG/B

ALAND IS.
05161527 OH0KQC 57/57 JP90XG LEIF S GAUPS
05161843 OH0JLQ 59/55 JP90XD I080JV S GAUPS
05181102 OH0KQC 59/59 JP90XG > KN14 S Y0TVS
05310937 OH0/SB3RFX 59/59 JP90UP S GAUPS
05311740 OH0/SB3RFX 59/59 JP90UP C GAUPS
05311748 OH0LIE 59/59 KO09KW > I080 C GAUPS
06040827 OH0LIE KO09KW 1354 50.106 PE10GF

AUSTRIA

05041019 OE5XBL 559/559 MS > I080JV C G4UPS
05041043 OE5W 37/37 MS JO55UL > I080 S G4UPS
05141619+OE5LOG 59 > I080JV H G4UPS
05161200-OE6PAM 57 > I080JV H G4UPS
05281307 OE5CA 599/599 JH78BI KARL C G4UPS
05291929 OE5UAL 59/59 JH68 IL18 50.2 S EH8BFX
05291933 OE6LOG 59/59 JH76RT 50.2 S EH8BFX
05291937 OE2UKL 59/59 JH67LX 50.2 S EH8BFX
05291945 OE5PAM 53/55 JH78EE 50.2 S EH8BFX

AZORES

05101543 CU3URA 559 -1604 > I090 B G3HBR
05261929 CU3ACT 59/57 HM68IQ 50.2 S EH8BFX
05291603 CU3URA 449 -1612 > I080JV C G4UPS

BALEARIC IS.

05180907 EH6FE 57 WKG GJ4ICD -0912 H G4UPS
05211025 EH6SA 599/599 JH19JK JOSEF C G4UPS
05211050 EH6FE KEYSER 449 -1053 130 H G4UPS
05281200 EH6SA 559 BRIEFLY > I080JV H G4UPS
06141500-EH6 < 1609 SUIER

BELARUS

05141553 EU1AA 579/559 KO33BJ I080JV C G4UPS
05161124 EU1AA 599/599 KO33BJ BEN C G4UPS
05170817 EU1AA 579 > I080JV G4UPS
05300725 EU1AB 55 WKG G > I080JV H G4UPS
05300725-EU1AA 559 > I080JV H G4UPS
06050628 EU1AA KO33BJ 1514 144.300 PE10GF
06050654 EU1AA KO33 > I090 144 Ea W GOFEE

BELGIUM

05251105 OH4GG 59/59 JO20AR 50.2 S EH8BFX

BULGARIA

05150810 L110 50.110 H G4UPS
05161809 L12PT 559 -1824 > I080JV G4UPS
05221819 L11EQ 55/55 KN12 > I080JV S G4UPS
05221821 L11U 559/559 > I080JV C G4UPS
05291953 L12PO 559/559 KN13KX > I080 C G4UPS
06040719 L12HV KN32TB 1976 144.300 Ea PE10GF
06040720 L12EK KN23TB 1778 144.310 Ea PE10GF
06040728 L12EY KN13OT 1574 144.305 Ea PE10GF
06040729 L12PO KN13KX 1541 144.295 Ea PE10GF
06040734 L12AB KN33KK 1833 144.307 Ea PE10GF
06040736 L12CM KN13OJ 1603 144.305 Ea PE10GF
06040740 L13BD KN12QQ 1665 144.300 Ea PE10GF
06141530-L12 < 1609 SUIER

CRETE

06121746 SV9 -1820 W G4IGO

CROATIA

05041204 9A5Y 55/55 MS JH85OU I080JV S G4UPS
05141609 9A4QV 599/599 JH75BC I080JV C G4UPS
05141632 9A3FT 59/59 JH83FM RERNY C G4UPS
05151000 9A4QV 559/559 JH75BC ADAM C G4UPS
05161155 9A5I 599/599 IVO > I080JV S G4UPS
05221815 9A2YC 59/59 JH75WC > I080JV S G4UPS
05221918 9A3FT 59 > I080JV H G4UPS
06121711 9A -1746 H G4IGO
06141446+9A3 < 1609 SUIER

CZECH REPUBLIC

05150738 OK1JL 59/59 JO70WN JARDA S G4UPS
05181018 OK1DDO 599/599 JO60JD KN14 C Y0TVS
05271336 OK1DJW 59/59 JO70VF JIRKA S G4UPS
05281330 OK1EO 59/59 JH69R JARDA S G4UPS
05291630 OK1JL 55, OK2DB 559 > I080JV H G4UPS
06081202 OK2BGW 50.110 VE1PZ

DENMARK

05041300 OE5W QSB IN/OUT > I080JV G4UPS
05091115 OE7IGY 559 -1122 > I080JV B G4UPS
05091116 OE6VHF 449 -1121 > I080JV B G4UPS
05150815 OE7KE 59/59 JO46 > KN14 S Y0TVS
05150818 OE5AGJ 59/59 JO56 > KN14 S Y0TVS
05150834 OE5GN 59/59 JO64 > KN14 S Y0TVS
05160520 OE6VHF 599 JO57EI 50.0518 H Y0TVS
05161002 OE8ABE 59/59 JO55VF > KN14 S Y0TVS
05161458 OE7IGY 599 -1501 > I080JV B G4UPS
05161902 OE8ES 599/599 JO65RT > KN14 C Y0TVS
05161912 OE5AGJ 59/59 JO65DF > KN14 S Y0TVS
05170707 OE1BTE 59/59 JO66EC > KN14 S Y0TVS
05171118 OE3BW 599/599 JO54RI > KN14 C Y0TVS
05171126 OE3BW 59/59 JO54RI > KN14 S Y0TVS
05171128 OE1SDB 59/59 JO44VX > KN14 S Y0TVS
05171135 OE1FIT 59/59 JO65CU > KN14 S Y0TVS
05171158 OE2LD 59/59 JO54TU > KN14 S Y0TVS
05171222 OE3IG 57/57 JO65CP > KN14 S Y0TVS
05180920 OE3BW 599/599 JO54RS > KN14 C Y0TVS
05181202 OE6VHF 599 JO57EI 50.0543 B Y0TVS
05181328 OE6VHF 599 JO57EI 50.0543 B Y0TVS
05181333 OE4D 599/599 JO74EV > KN14 C Y0TVS
05291422 OE8ABE 55/57 JO55VF 50.2 S EH8BFX
05291426 OE5AGJ 55/55 JO56VF 50.2 S EH8BFX
05291431 OE1BUR 55/51 JO46MI 50.2 S EH8BFX
05291456 OE8UW 51/53 JO46IL 50.2 S EH8BFX
05291228 OE3BW 599/599 TORD > I080JV C G4UPS
05311744 OE3BW 59/59 JO54RS > I080JV S G4UPS

MALAYSIA, General

05150830 9M-TV 48.250 V JG2MLI

MALAYSIA, West

06070911 9M2TO > QN12 599
06070934 9M2TO > QN02 559
06150933 9M2TO > QN00

TAIWAN

05100247 BV7GK
05100310 BV7GK
05100410 BV2RR
05100544 BV2FG
05100615 BV4PH
05100618 BV2SR
05100622 BV4PH
05101344 BV2SR
05101345 BV4PK
05110013 BV2RR
05110140 BV2RR
05110158 BV4PH
05110200 BV2SR
05110221 BV4PH
05110238 BV3FG/QRP
05110240 BV4PH
05110250 BV4CN
05110300 BV3FG
05110447 BV2PU
05110451 BV3FG
05110454 BV2SR
05110455 BV2RR
05110459 BV2OH
05110528 BV2FG
05110709 BV4PK
05110939 BV2SR
05111001 BV2SR
05111026 BV2SR
05111031 BV3FG
05111039 BV2/JL4NEG
05120845 BV2PU
05120929 BV2RR
05121011 BV7GK
05121029 BV2PU
05121030 BV2RR
05121105 BV7GK
05130400 BV2FG/B
05140200 BV2FG/B
05150245 BV2FG/B
05160250 BV2FG/B
05170717 BV4PK
05170725 BV4SF
05190430 BV2FG/B
05221133 BV4CN > PM53
05240339 BV2QS
05260420 BV2FG/B > PM63

50.115 S JA6MCD
50.110 S JH2KBY
50.103 C JH2KBY
50.105 S JH2KBY
50.120 S JH2KBY
50.144 S JA6MCD
50.110 S JA6MCD
50.105 C JH2KBY
50.120 S JH2KBY
50.105 C JH2KBY
50.103 C JA5GJW/4
50.120 S J11CPW
50.150 S JH2KBY
50.120 S JH3DMQ
50.113 C JH2KBY
50.120 S JH2KBY
50.166 S JH2KBY
50.103 S JH2KBY
50.161 S JE4JFP/4
50.114 S JE4JFP/4
50.110 C JE4JFP/4
50.105 C JE4JFP/4
50.122 S JE4JFP/4
50.115 C JE4JFP/4
50.110 S JA6MCD
50.120 S JH0BQX
50.120 S J11CPW
50.240 S JH3DMQ
50.114 S JH0BQX
50.125 S JH3DMQ
50.105 C JG2MLI
50.105 C JH0BQX
50.110 S JH0BQX
50.160 S JR2SQZ
50.105 C JR2SQZ
50.110 S JR2SQZ
50.001 B JE2KBY
50.001 C JG2MLI
50.001 B JG2MLI
50.001 B JG2MLI
50.125 S JH3LHS
50.125 S JH3LHS
50.001 B JG2MLI
50.180 S JH6VXP
50. C JE3PCP
50.001 B JA5CMO

Reports of Europe

EUROPE GENERAL

05141610 EUR INBAND TV STRONG I080JV I G4UPS
05150726 EUR INBAND TV STRONG -0845 I G4UPS
05160733 EUR INBAND TV VERY STRONG I G4UPS
05181129 EUR INBAND TV > I080JV I G4UPS
05201127 EUR INBAND TV > I080JV I G4UPS
05240400-EUR VID @ 13' JP93? 48.250 V K6QXY
05271305 EUR INBAND TV > I080JV I G4UPS
05281238 EUR INBAND TV STRONG > I080 I G4UPS
05291629 EUR INBAND TV I G4UPS
06081130-EUR TV 49.75/.73/.76 V VE1PE
06081400 EUR TV also 48.25/48.242 V VE1PE
06090130 EUR VID N > PM65 49.750 V VE9AA
06262250 EUR VIDEO > EM48 48.250 V WA0KBE

ENGLAND

05160812 G3MY 59/449 MIKE C YO7VS
05160822 G3MTV 57/579 IO91 > KN14 C YO7VS
05160830 G7UTO 59/57 > KN14 S YO7VS
05160845 G0QMS 57/579 IO91 > KN14 C YO7VS
05160855 G7EXO 59/59 IO91 > KN14 S YO7VS
05160858 G6HKM 59/59 JO01 > KN14 S YO7VS
05160907 G6WB 59/59 IO91 > KN14 C YO7VS
05160926 G0PIK 59/59 ALWYN > KN14 S YO7VS
05160942 G4DCJ 59/59 > KN14 S YO7VS
05161144 G3CEG 59/59 IO81 > KN14 C YO7VS
05161618 G4DEE 59/54 JO10 > KN14 S YO7VS
05161625 G7EXO 59/59 IO91PG > KN14 S YO7VS
05161749 M1ABK 59/59 JO92QO > KN14 S YO7VS
05161857 G3JFC 59/59 JO93TA > KN14 C YO7VS
05209149 G4GVC 55/55 IO92>IL18 50.2 S EH8BFX
05291436 G3HTA 55/55 IO80DT 50.2 S EH8BFX
05291442 G6IOW 51/55 IO73>IL18 50.2 S EH8BFX
05291446 G3TMM 55/55 IO80FC 50.2 S EH8BFX
05291510 G3CEG 51/51 IO81WS 50.2 S EH8BFX
05291751 G4IGO 59/59 IO80NW 50.2 S EH8BFX
0619XXXX G FOR > 2 HRS SUIER

ESTONIA

05071245 ESOSIX 559 -1306 > IO80JV B G4UPS
05161741 ESOSIX 599 > IO80JV B G4UPS
05161809 ESICW 579 > IO80JV G4UPS
05171210 ES2RJ 579/579 > KN14 C YO7VS
05180928 ESICW 599/599 KO29 > KN14 C YO7VS
05181200 ES68IX 599 KO37MT 50.073 S YO7VS
05181207 ESIAJ 599/599 KO29HK > KN14 C YO7VS
05181233 ESOSIX 579 50.037 S YO7VS
05181082 ESICW 599/599 KO29HK ARVO C G4UPS
05311000 ESOSIX 579 -1003 > IO80JV B G4UPS

FINLAND

05061050 OHISIX 559 -1110 > IO80JV B G4UPS
05141850 OHISIX 569 < 2000 > IO80JV B G4UPS
05141900 OHLAYO 57/55 KP12JB TIMO S G4UPS
05160734 OHISIX 599 KP11QJ 50.025 S YO7VS
05161704 OHIJE 59/59 KP01SQ TAPANI S G4UPS
05161708 OHIVR 59/59 KP11 SEPPO S G4UPS
05161708 OHIKH 59, OH3MF 59 > IO80JV G4UPS
05161708 OHISIX 599 > IO80JV B G4UPS
05161826 OHIKEN 59/59 KP10JF JARKKO S G4UPS
05161829 OH3MF 59/59 KP20JR RAUMO S G4UPS
05161901 OH3NLP 59/59 KP11RK JURKA S G4UPS
05170641 OHIVR 59/59 KP11ST > KN14 C YO7VS
05171102 OH3NE 59/59 KP11JL > KN14 C YO7VS
05180925 OH3MF 559/339 KP20 > KN14 C YO7VS
05181049 OH3NLP 59/59 KP11RK > KN14 C YO7VS
05181222 OH3NQ 59/59 KP30ER > KN14 C YO7VS
05310726 OH6KTL 33 WKG G > IO80JV H G4UPS
05310808 OH2BNH 599/599 KP20LG PASI C G4UPS
05310812 OHISIX 579 > IO80JV B G4UPS
05310856 OH3UQ 579/579 KP20SX OLLI C G4UPS
05311009 OHIVR 599/599 SEPPO > IO80JV G4UPS
05311740 OHISIX 569 > IO80JV B G4UPS
05311844 OH3NLP 59/59 KP11 JURKA S G4UPS

FRANCE

05150816 F8EW 59/59 JN38 > KN14 S YO7VS
05151104 F6CVY 56/56 JN26RX JACKY S G4UPS
05151122 F5IQA 59/59 JN36BG JOHR S G4UPS
05160520 F5QT 59/59 JN03 > KN14 S YO7VS
05160528 F1MKE 59/57 JN05 > KN14 S YO7VS
05160530 F5BYM 59/57 JN94 > KN14 S YO7VS
05160537 F6ARQ 57/59 JN25 > KN14 S YO7VS
05160538 F5PIG 57/59 JN06FQ > KN14 S YO7VS
05161134 F6PLV 598/599 JN18AT > KN14 C YO7VS
05161604 F8DO 559/559 JN26IF > KN14 C YO7VS
05161808 F6CBH 59/59 JN19BH > KN14 S YO7VS
05180915 F1UG 59/59 JN23HQ JACK S G4UPS
05211029 F6RCE WKG 9H1AE H G4UPS
05251038 F1BBK 51/51 JN08PF 50.2 S EH8BFX
05251047 F8EW 59/59 JN38SP 50.2 S EH8BFX
05251051 F1BHB 53/52 JN38SP 50.2 S EH8BFX
05251053 F5JUK 59/57 JN87RP 50.2 S EH8BFX
05251058 F1CBQ 53/59 JN87JQ 50.2 S EH8BFX
05291509 F8DUO 51/55 JN26MB 50.2 S EH8BFX
05291736 F5BYM 59/59 JN94KO 50.2 S EH8BFX

GERMANY

05060858 DJ480 579/559 JO44WG>IO80JV C G4UPS
05150729 DJ6TK 59/59 JO53FG WILF S G4UPS
05150758 DL2DXA 59/59 JO61VC BERND S G4UPS
05150758 DL9UDS 59 > IO80JV H G4UPS
05161008 DL8HCE 59/59 JO53AP > KN14 S YO7VS
05161105 DJ480 599/599 JO44WP > KN14 C YO7VS
05161131 DJ9YE 599/599 JO43HV > KN14 C YO7VS
05161852 DL8BC 599/599 JN48BT > KN14 C YO7VS
05171137 DL1UU 59/57 BERLIN > KN14 S YO7VS
05171212 DJ9YE 599/589 > KN14 C YO7VS
05180947 DF1AN 59/55 JO63SP > KN14 S YO7VS
05180956 DJ6TK 599/599 JO53FG > KN14 C YO7VS
05181020 DL6AMI 579/559 > KN14 C YO7VS
05181026 DF7VX 599/559 JO41JQ > KN14 C YO7VS
05181043 DJ1QC 59/59 JN569 > KN14 S YO7VS
05181357 DJ4TC 59/59 JO63PW > KN14 S YO7VS
05271334 DL4ALI 59/59 JO50JW STEFFAN S G4UPS
05271345 DL1VAA 59/59 JO61WB> IO80JV S G4UPS
05271346 DL3HRM 59/57 JO51KM MANFRED S G4UPS
05281337 DL2LF 59/58 JN59NO WALTER S G4UPS
05281607 DL2BGT 57/57 JN48CX 50.2 S EH8BFX
05291419 DL4FB 57/53 > IL18 50.2 S EH8BFX
05291919 DL4MUQ 57/57 JN58SP 50.2 S EH8BFX
05291959 DL1UQ 599/599 JO62SP WOLF C G4UPS
05292051 DL4MDQ 579/579 JN58SP MAX C G4UPS

GIBRALTAR

05281112 XB2EO 559/559 IM76 JOHN C G4UPS

GREECE

05161600-EV > IO90 G3HBR
05221918 SV1EIX 559 > IO80JV B G4UPS
06121820 EV -1905 W G4IGO
06141446+SV1, SV2 < 1609 SUIER
06141500-SV8 < 1609 SUIER

ITALY

05041115 I3QDK 55 > IO80 H G4UPS
05041124 IK3HAR 59/59 JN55QM > IO80JV S G4UPS
05041127 IWODEI 59 --> 0 > IO80JV G4UPS
05041133 IK3MWX 57/57 JN55VB> IO80JV S G4UPS
05041139 IV3LWQ 59/59 JN65VO> IO80JV S G4UPS
05050846 IW5AVM 59--> 0 > IO80JV H G4UPS
05070940 IK3PWO 59/59 JN52OT> IO80JV S G4UPS
05070944 IWOBET 59/59 JN61 > IO80JV S G4UPS
05111556 IW8PQ 59/59 JN78WQ NINO S G4UPS
05111601 I5JXX 59/59 JN61GV AL S G4UPS
05111602 IOAKP 59/59 JN61PU ADAM S G4UPS
05111604 IKOBAL 59/52 JN62FB > IO80JV S G4UPS
05111608 IK8JUV 59/59 JN70HR > IO80JV S G4UPS
05111610 IKOFTA 59/59 JN61 SERGIO S G4UPS
05111610+IK8DYD 599, I4RSH 59 H G4UPS
05111610+IWODEI 59, IK5BNO 59 H G4UPS
05111614 IK5CVV 59/59 JN53PU CLAUDIO S G4UPS
05111621 I6AAHK 59/59 JN63RL CESARE S G4UPS
05111624 I5ECW 59/59 JN53MW > IO80 C G4UPS
05111626 I24BAE 59/59 JN54 ALFRED S G4UPS
05111629 IK2GWH 579/579 JN45OM PAUL C G4UPS
05121215 IK8WTK 44 BRIEFLY H G4UPS
05141613 IK3OCD 599/599 JN65BL>IO80 C G4UPS
05141619 IV3BCW 59/59 JN66PC MATTEO S G4UPS
05141626 IWODEI 57/57 JN61GO LEO S G4UPS
05141812 IWOBVT 59/59 JN61FS > IO80JV S G4UPS
05141812+IWODEI 59 > IO80JV H G4UPS
05141813 IWODEI 59/59 JN61GO LEO S G4UPS
05141814 IK7YEI 59/55 JN71 > IO80JV S G4UPS
05141906+IKOBAL 59 > IO80JV H G4UPS
05141920 IK0DYD 59/59 FRANCO>IO80JV S G4UPS
05150828 I1ABT 57/59 JN55WL > KN14 S YO7VS
05150950 IK3OCD 599/599 FLAVIO>IO80 C G4UPS
05150953 IW3RI 55/55 JN65RU CLAUDIO S G4UPS
05151004+IW5CNU 57, IWOLNC 59 H G4UPS
05151004+IW8DRG 55 > IO80JV H G4UPS
05151019 I24AIB 59/59 JN54XJ PAUL S G4UPS
05151021 I6PQE 59/59 JN638M MARCO S G4UPS
05151025 IWORLC 59/55 JN63FD DARIO S G4UPS
05151025+IK2EVU 59, IOVHL 59 > IO80JV H G4UPS
05151038 IK2DUV 55/55 JN45KO > IO80JV S G4UPS
05151041 I24BEJ 59/59 JN64CE RICO S G4UPS
05151042 IK5YJ 55/55 JN53PG > IO80JV S G4UPS
05151047 IK4JPR 59/59 JN54KE SERGIO S G4UPS
05151051 IW5BHU 55/55 JN54AB MARCO S G4UPS
05151102 IK4HLQ 59/59 JN54KF JOE S G4UPS
05151118 IKORMO 59/59 JN63HB LEO S G4UPS
05151122+IK2APW 59, I5CEW 579 > IO80 H G4UPS
05151122+IK2ILH 59 > IO80JV H G4UPS
05151149 IK5EUL 59/59 JN52JW KARL S G4UPS
05151150 IW5BML 59/59 JN52JW ALBERT S G4UPS
05161609 I1ABT 599/599 JN35WL > KN14 C YO7VS
05170740 IK1BPO 599/599 > KN14 C YO7VS
05180842 IWOBET 59/59 OUT RAPIDLY S G4UPS
05211645+IWODEI 59, IWOCV 59>IO80JV H G4UPS
05211715 IW8DRG 55/54 JN70 > IO80JV H G4UPS
05211730 I20BET 55 > IO80JV H G4UPS
05221022 I4ADJE 59/59 JN64CE ANDY S G4UPS
05221023 I4RSH 59/59 JN64GA SILVANO S G4UPS
05221028 IW6MHT 59/59 JN62 DOMINIC S G4UPS
05221031 IWORLC 59/55 JN63FD DARIO S G4UPS
05221039 IK8HRA 59/59 JN70ES S G4UPS
05221046 IWOBET 59/59 JN61FS > IO80 S G4UPS
05221047 IK0SMG 59/59 JN61FS JOE S G4UPS
05221049 IW5AVM 59/59 JN52NS MARCO S G4UPS
05221104 IW9FLM VERY WRAK CLG CG H G4UPS
05221610 IKOFTA 59/59 JN61 SERGIO S G4UPS
05221611 IKOOKY 59/59 JN61 EMIL S G4UPS
05221620 IW8DRG 59/59 JN70HR OTTO S G4UPS
05221630 IK0BOJ 59, IWORPC 59 H G4UPS
05221644 IOWRX 59/59 JN62HN AUGUSTO S G4UPS
05221837 IW5DLY 59/59 JN53KT CLAUDIO S G4UPS
05221838 IW5ACP 59/59 JN53LY> IO80JV S G4UPS
05221848 IK7UXY 59/59 JN90DC> IO80JV S G4UPS
05221902 IOAMU 57 > IO80JV H G4UPS
05250840 IK8MKK 59/59 JN71 > IO80JV H G4UPS
05271428 IW8DRG 59 > IO80JV H G4UPS
05271429 IWOBET 59/59 JN70HA> IO80JV S G4UPS
05271454 IK8HBA 55/53 JN71 LUC S G4UPS
05271458 IWORMO 55/55 > IO80JV S G4UPS
05271627 IWODEI 55, IKOOKY 559 H G4UPS
05271627 IWORLC 55 > IO80JV H G4UPS
05271728 I20ARL 59/59 JN61IU MAURICE S G4UPS
05271729 IKOFTA 59/59 JN61 SERGIO S G4UPS
05271729 IW5AVM 59 > IO80JV H G4UPS
05271840 I2AXE 599/599 JN34QM AXEL C G4UPS
05280914 IW8DRG 59/59 JN70 > IO80JV S G4UPS
05281325 IK2EVU 59/59 JN45OO>IO80JV S G4UPS
05281327 IK3KEX 59/59 JN65DX RICHARD S G4UPS
05281342 I2KFX 59/56 JN45MM BERT S G4UPS
05281352 I24BAE 59/59 JN54KI ALFRED S G4UPS
05281730 IK7XGD 57 > IO80JV H G4UPS
05281730 IK8DYD 59, IKOFTA 59 H G4UPS
05281730 IW8DRG 59, IWODEA 59 H G4UPS
05291406 IW3SCW 59/59 JN66PC -1409 S G4UPS
05291427 IK3TFP 55 > IO80JV H G4UPS
05291428 I2AE 57/57 JN55BN PAUL S G4UPS
05291441 I2ADN 59/59 JN45 ANGELO S G4UPS
05291445 I4GHE 599/559 JN64AF ENZO C G4UPS
05291457 IK2EVU 55/55 JN64FO 50.2 S EH8BFX
05291501 IK5QLO 599/599 JN53FU ANDY C G4UPS
05291505 IW8DRG 51/55 JN70HR 50.2 S EH8BFX
05291913 IV3LWQ 55/58 JN65VO 50.2 S EH8BFX
05291915 IW3RCR 55/55 JN66OB 50.2 S EH8BFX
05291917 IW3RCR 59/58 JN66PC 50.2 S EH8BFX
05291918 IK3TFP 55/55 JN65EP 50.2 S EH8BFX
05291923 IW2GWC 51/51 JN45HS 50.2 S EH8BFX

05291924 IW5AVM 55/59 JN52NS 50.2 S EH8BFX
05291925 IW2DVK 55/57 JN45MR 50.2 S EH8BFX
05291927 IWORMO 51/51 > IL18 50.2 S EH8BFX
05291928 IW2BMA 59/59 JN45OH 50.2 S EH8BFX
05291928 I2ELJ 55/59 JN45OP 50.2 S EH8BFX
05291929 IK5EUL 55/59 JN52JW 50.2 S EH8BFX
05291930 IK5PWO 55/59 JN52OT 50.2 S EH8BFX
05291932 IW2KMD 55/55 JN45MP 50.2 S EH8BFX
05291932 IACIL 59/59 JN62FB 50.2 S EH8BFX
05291934 I3V3DC 59/59 JN65SRV 50.2 S EH8BFX
05291936 I3LLE 59/59 JN65BN 50.2 S EH8BFX
05291936 IK4DRY 55/55 JN64>IL18 50.2 S EH8BFX
05291939 I4TFT 59/59 JN64AT 50.2 S EH8BFX
05291939 IW4DJV 55/59 JN64CD 50.2 S EH8BFX
05291942 IW3QQJ 59/59 JN65PV 50.2 S EH8BFX
05292145 I WKG CT, I THROUGH 2300 H G4UPS
05301000 I4BEG 59 -1025 > IO80JV H G4UPS
05301044 I4RBR 55/55 -1410 > IO80JV S G4UPS
06121711 I -1746 H G4IGO
06121746 IO -1820 W G4IGO
06141446+IK8, IK7, IW9, IW8 < 1609 SUIER

JERSEY

05291746 GJ4ICD 59/59 IW89WE 50.2 S EH8BFX

LITHUANIA

05161805 LY2BAW 44 --> 0 > IO80JV G4UPS
05301101 LX2BAW 599/599 KO24PQ >IO80 C G4UPS
05301103 LY2BI 57/57 KO14QG > IO80JV S G4UPS
05311746 LY2BAW 599/599 KO24> IO80JV C G4UPS
06050700-LY2WK KO24 > IO90 144 Es H G00FE
06050707 LY3PD KO24QQ 1381 144.306 PELOGF
06050717 LY2WK KO24KK 1346 144.305 PELOGF
06050757 LY2NW KO24PQ 1376 144.282 PELOGF

LUXEMBOURG

05181052 LX1WJ 599/559 JN39VT > KN14 S YO7VS

MACEDONIA

05221808+X32DR 449 > IO80JV H G4UPS

MALTA: The Dutch Society of Amateur Radio (VRZA) had their 10th DXpedition to Malta (JM75FV, IOTA EU-023) from June 21-July 5. A special club callign, 9H0VRZ, was issued. Besides HF, they were to be on 6m. Anyone work them?

05221236 9H1GP 44 H G4UPS
05221253 9H1CG 59/57 JM75FW JOE S G4UPS
05231119 9H1CG 55 WKG OK -1127 H G4UPS
05250738 9H1BT 55 > IO80JV H G4UPS
05291630-9H1AE 559 > IO80JV H G4UPS
06141500-9H5, 9H1 < 1609 SUIER

MARKET REEF

05311758 QJ0/DL5IO 59/59 JP90NH S G4UPS
06040753 QJ0/DJ5IO JP90NH 1307 50.135 PELOGF

NETHERLANDS

05150733 PE1PGJ 57/55 JO33NA >IO80JV S G4UPS
05160917 PB0ANX 59/59 JO22LJ > KN14 S YO7VS
05160922 PE1CAJ 57/52 JO21 > KN14 S YO7VS
05160940 PA3BGO 55/59 JO21 > KN14 S YO7VS
05161040 PE1PJG 59/59 JO33NA > KN14 S YO7VS
05161044 PA0DDU 59/59 JO33NB > KN14 S YO7VS
05161827 PE1PES 59/59 JO21DV > KN14 S YO7VS
05171138 PE1KLQ 59/57-8 JO33JF> KN14 S YO7VS
05181021 PA2VST 599/599 JO22IM> KN14 C YO7VS
06081217 PA3BFM 50.110 W VE1PE

NORWAY

05071235 LA9DI 59/59 JO59 > KN14 S YO7VS
05150822 LA2PHA 599/599 JO38 > KN14 C YO7VS
05161546 LA1IC 59/59 JO59FS > IO80JV S G4UPS
05161554 LA3BDA 59/59 JP50CG> IO80JV S G4UPS
05170717 LA8WF 599/599 JO59GV > KN14 C YO7VS
05171247 LA0BY 559/539 JP > KN14 C YO7VS
05181150 LC1PAT 57/57 JO59JX > KN14 S YO7VS
05301339 LA4DL 59/59 JP32EL ROLF S G4UPS
05310810 LA4LW 57/57 JP50JH > IO80JV S G4UPS
05310918 LA4BY 59/59 JO59PW STEFAN S G4UPS
05310930 LA4PHA 579/559 JP43TQ MAGNUS C G4UPS
05311045 LC3BATE 59/57 JO59JF > IO80 S G4UPS
05311129 LA0HB 59/58 JO28UX SIMON S G4UPS
05311153 LA6MP 59--> 0 > IO80JV H G4UPS

POLAND

05041011 SP6ASD 59/59 JO81LC >IO80JV S G4UPS
05041011 SP6VYO LAW JO81LD > IO80JV S G4UPS
05060848 SP2BGE 59/59 JO82UO> IO80JV S G4UPS
05070843 SR6SIX 599/599JO> IO80JV B G4UPS
05071133 SP8UPT 59/59 JO11JZ > IO80JV S G4UPS
05071139 SP5SS 59/59 KO02HB > IO80JV S G4UPS
05071319 SP4MPB 57/55 KO3 -1338 S G4UPS
05141310 SP -1410 > IO80JV H G4UPS
05141906 SP2NJE 59/59 JO92AT ADAM S G4UPS
05141906+SP2BGE 59 > IO80JV H G4UPS
05141910 SR5SIX 599 < 2000 > IO80JV B G4UPS
05141920 SP8MJC 59, SP5HEJ 599 >IO80 H G4UPS
05150726 SR6SIX 599, SR6EJX 599 B G4UPS
05150727 SP2BGE 59/59 JO82UO JANUSZ S G4UPS
05150729 SP6ASC 59, SP9EDF 59 H G4UPS
05150747 SP6GZE 59/59 JO81HI ROMAN S G4UPS
05150816 SP9GOI 579/559 JO90MG KRIST C G4UPS
05150825 SP9DHQ 59/59 > IO80JV S G4UPS

05160732 SP5HEJ 589/589 KO02ME MARK C G4UPS
 05160733 SP9BPP 55, SP6ASD 59 > IO80 H G4UPS
 05160733 SP9SOI 55, SP6TRQ 57 > IO80 H G4UPS
 05160733 SR58IX 599 > IO80JV B G4UPS
 05161708-SP6ASD 59, SP6TEX 59 > IO80 G4UPS
 05170730 SP2WEI 59/59 JO94GI > KN14 S YO7VE
 05170801 SP5CCC 57 WKG PE 50.110 H G4UPS
 05171144 SP2BMJ 599/599 JO94GJ > KN14 C YO7VE
 05180931 SP2SGE 59/59 JO82UO > KN14 S YO7VE
 05180942 SP6ASP 59/59 JO81LC > KN14 S YO7VE
 05181120 SR58IX 599 > IO80JV B G4UPS
 05181142 SP2IQW 59/59 JO94GM > KN14 S YO7VE
 05181215 SP2BXM 559/559 JO94GJ > IO80 C G4UPS
 05181230 SP3WQ 59 < 1330 > IO80JV H G4UPS
 05201430 SR58IX < 1500 > IO80JV B G4UPS
 05271331 SQ9CXT 59/59 JO90HD MATTEO S G4UPS
 05271337 SP9EYX 59/59 JO90 JOSEF S G4UPS
 05271337 SR6SIX 569 > 1350 > IO80JV B G4UPS
 05271622 SP8MME 59/59 KO11JI > IO80JV S G4UPS
 05291627 SP8NCJ 59/55 KO12MC ANDREA S G4UPS
 05291630-SP9SOI 579 > IO80JV H G4UPS
 05291630-SQ9CXT 59+, SP9QEF 59 > IO80 H G4UPS
 05291630-SR58IX 559 > IO80JV B G4UPS
 05291931 SP8MME 51/59 KO11JI 50.2 S EH8BFX
 05291946 SP8QET 55/57 KO11JI 50.2 S EH8BFX
 05300725-SP4MPB 55 -1025 > IO80JV H G4UPS
 05300725-SR58IX 599 -1025 > IO80JV B G4UPS
 05300800 SP2NJE 59 -1025 > IO80JV H G4UPS
 05300800-SR6SIX 579 -1025 > IO80JV B G4UPS
 05301813 SP9SOI 579 > IO80JV H G4UPS
 06050730-SP4SKA KO14 > IO90 144 Es H G00FE
 06050739 SP4MPB KO03GS 1056 144.291 PELOGF
 06050744 SP4SKA KO14LC 1218 144.305 PELOGF
 06050750 SP4MPB KO03 > IO90 144 Es W G00FE

PORTUGAL

05101415 CTOWW 599+ -1453 > IO80JV B G4UPS
 05101422 CTIEKF 55/53 IM50BU > IO80JV S G4UPS
 05101426 CTIDYX 59/53 IM51PE > IO80JV S G4UPS
 05111122 CTIFUC 59/55 IM57OC -1125 S G4UPS
 05121120 CTOWW 579 -1330 > IO80JV B G4UPS
 05141115 CTOWW 579 -1130 > IO80JV B G4UPS
 05191029 CTOWW 569, 599E1033 > IO80 H G4UPS
 05191043 CTIHB 59/58 IM50XS FELIX S G4UPS
 05201150 CTIHB 59/59 IM50XS FELIX S G4UPS
 05201215 CTOWW VV WAKR, 599 & 1227 S G4UPS
 05221200 CS1ACP 599 F&K 50.033 B G4UPS
 05221200 CTOWW 339 50.030 B G4UPS
 05221902 CTIHB 59 > IO80JV H G4UPS
 05241643 CTIHB 59/59 IM58IS SAM S G4UPS
 05241648 CS1ACP 449 ROUGH NOTE B G4UPS
 05241648 CTOWW 569 B G4UPS
 05241701 CT4QK 599/599 IM60BP > IO80 C G4UPS
 05241835 CTIDIQ WKG G ON FM 50.195 H G4UPS
 05251043 CT4QK 55/55 IM59FP 50.2 S EH8BFX
 05251100 CTILOB 59/59 IM58JR 50.2 S EH8BFX
 05251118 CTIDHM 59/59 IM61CC 50.2 S EH8BFX
 05251120 CTIAUW 59/59 IM60IM 50.2 S EH8BFX
 05251129 CTIHB 59/59 IM50XS 50.2 S EH8BFX
 05261725 CTIHB 59/59 IM50XS 50.2 S EH8BFX
 05261943 CTIDHM 59/59 IM61X-IL18 50.2 S EH8BFX
 05262027 CTIHB 55/55 IM50XS 50.2 S EH8BFX
 05271434 CTIEFF 55 > IO80JV H G4UPS
 05271438 CT/CU7BC 57/57 IM50 MARCO S G4UPS
 05271627 CTIHB 55 > IO80JV H G4UPS
 05271752 CTIAVR 59/59 IM50TE > IO80JV S G4UPS
 05272000 CTOWW 599 -2015 > IO80JV B G4UPS
 05281117 CTIEKF 59/55 IM50BU > IO80JV S G4UPS
 05281413 CTIHB 59/59 IM51QD 50.2 S EH8BFX
 05281456 CTIAL 59/59 IM60AQ 50.2 S EH8BFX
 05281619 CTIDYX 59/59 IM50X-IL18 50.2 S EH8BFX
 05291414 CT/CU3BC 57/55 IM50 50.2 S EH8BFX
 05291450 CTIAL 59/59 IM60AQ 50.2 S EH8BFX
 05301540 CTIHB 59 WKG G > IO80JV H G4UPS
 05301540-CTOWW 599 > IO80JV B G4UPS

ROMANIA

05161225 YO2IS 55/55 KN05PS > IO80JV S G4UPS
 05161812 YO2IS 579/579 KN05 > KN14 C YO7VE
 06050710 YO4FYQ KB44 > JO73 1455 KM W DH8RQA/P

Russian Federation (Europe)

05181123 UA1WJ 559/559 KO47EU > KN14 C YO7VE
 05301204 UA1WJ 339 WKG IO91 > IO80JV H G4UPS
 06050632 UY7QF KN87DL 2260 144.310 PELOGF
 06050656 RA3LBK KO65QA 1894 144.302 PELOGF
 06050810 UA1WCF KO55JR 1736 144.043 PELOGF

SARDINIA

05111350 IM0JZJ 59/59 JH49FB REMO S G4UPS
 05111440 IS0BKD 55, IS0QDV 44 > IO80 H G4UPS
 05121307 IS0KEB 59/59 JH40GR MARCO S G4UPS
 05222024 IS0QDV 55/55 JH49 -2030 S G4UPS
 05271400 IS0QDV 55/44 JH49 > IO80JV S G4UPS
 05301357 IS0SIX KEYSR JH49OF 50.163 B G4UPS
 05301550 IS0SIX KEYSR JH49OF 50.163 B G4UPS

SCOTLAND

05091125 GB3LER 569 -1128 > IO80JV B G4UPS
 05120800 GB3LER 449-559 -0805 > IO80 B G4UPS
 05120803 GB3RMK 569 -0807 > IO80 B G4UPS
 05141023 GM3JUI 55 -1025 > IO80JV H G4UPS
 05141625 GB3LER 599+ -1630 > IO80JV B G4UPS
 05170822 GB3TOJ 569 VIA SCATTER B G4UPS
 05300725-GB3LER 599 -1025 > IO80JV B G4UPS
 05301813-GB3LER 569-599 > IO80JV B G4UPS
 05310723 GB3RMK 559 IN/OUT > IO80JV B G4UPS

SERBIA

05160754-YU7VS WEAK > IO80JV H G4UPS
 05161125 YU1SIX 579 > IO80JV B G4UPS
 05161143 YU7VS 449 > IO80JV H G4UPS
 05211736 YU1SIX 569 > IO70, IO80JV B G4UPS

05221700-YU1SIX 569 -1918 > IO80JV B G4UPS
 05221818 YU1AU 599/599 KN04CP EKA C G4UPS
 05250738 YU1AU 599/599 KN04CP EKA C G4UPS
 05291944 YU1EU 53/57 KN04-IL18 50.2 S EH8BFX
 05291955 YU1ABA 559/559 KN04 > IO80JV S G4UPS
 06121634 YU -1658 & 1711-1746 B G4IGO

SICILY

05101733 IT9ISR 59/59 JH68QC -1838 S G4UPS
 05121312 IT9KSS 59/59 JH68QC > IO80JV S G4UPS
 05221509 IT9CHU 44 WKG OE/F/DL H G4UPS
 05221630 IT9PME 55 > IO80JV H G4UPS
 06141446+IT9 < 1609 SUIER

SLOVAKIA

05281332 OM3ID 599/599 JH88 JAN C G4UPS

SLOVENIA

05141625 S55ERS 599 > IO80JV B G4UPS
 05141640 S57RA 59/59 JH76HI > IO80JV S G4UPS
 05161143 S55ERS 569 > IO80JV B G4UPS
 05161159 S57AC 59/59 JH76TH BOJAN S G4UPS
 05161223 S51KV 59/59 > IO80JV S G4UPS
 05291934 S57A 59/59 JH65TW-IL18 50.2 S EH8BFX
 05291937 S53EW 59/59 JH65BJ 50.2 S EH8BFX
 06121711 S5 -1746 H G4IGO

SPAIN

05101430 EH1TA 59/55 IM53SI -1510 S G4UPS
 05111350 EH7CL 44 > IO80JV H G4UPS
 05111405 EH7TL 53/53 IM76CG JUAN S G4UPS
 05201025 EH5CHT 559/559 IM97EK BOB C G4UPS
 05211000 EH3CUU KEYSR > IO91 B G3HBR
 05211012 EH3CUU 599 JH12FE 50.057 B G4UPS
 05211640 EH7KW 579 > IO80JV H G4UPS
 05221134 EH3CUU 599/599 JH12FE PERE C G4UPS
 05221134 EH3CUU/B 599+ > IO80JV H G4UPS
 05221306 EH5EI 57 BRIEFLE > IO80JV H G4UPS
 05251011 EH4AV 59/59 IM58ES 50.2 S EH8BFX
 05251021 EH7/G88R 51/51 IM58ES 50.2 S EH8BFX
 05251026 EH7TL 51/51 IM76CG 50.2 S EH8BFX
 05251111 EH7KW 59/59 IM67XI 50.2 S EH8BFX
 05261726 EH5CHT 59/59 IM97-IL18 50.2 S EH8BFX
 05262124 EH7AH 59/59 IM67OG 50.2 S EH8BFX
 05271534 EH7KW -1608 IM67 > IO80JV W G4UPS
 05271700 EH3CUU 579 KEYSR > IO80JV B G4UPS
 05271708 EH3ATJ 57/56 JH12LG ALAN S G4UPS
 05271835 EH5BIF 59/58 IM99XX JUAN S G4UPS
 05281405 EH7BVD 59/59 IM77OV 50.2 S EH8BFX
 05281423 EH1BZF/P 55/53 IM82RC 50.2 S EH8BFX
 05281437 EH7KW 59/59 IM67XI 50.2 S EH8BFX
 05291353 EH1BCB 55, EH1TA 44 > IO80 H G4UPS
 05291434 EH1TA 59/59 IM53SI 50.2 S EH8BFX
 05291435 EH7BVD 59/59 IM77OV 50.2 S EH8BFX
 05291440 EH7DOW 53/53 IM76BQ 50.2 S EH8BFX
 05291940 EH5DIT 59/59 IM99CD 50.2 S EH8BFX
 06141446+EH1 < 1609 SUIER

SWEDEN

05050754 SM7AED 599/599 > IO80JV C G4UPS
 05061002 SM7WDS 59/55 JO66WO > IO80JV S G4UPS
 05070748 SM7AED 579/549 > IO80JV C G4UPS
 05071212 SM7AED 599/599 JO65 > KN14 C YO7VE
 05071230 SM7WDS 59/57 JO66 > KN14 S YO7VE
 05071242 SM7WCE 59/57 JO66 > KN14 S YO7VE
 05071317 SM7TEK 59/51 JO77 > KN14 S YO7VE
 05080803 SM7AED 599/599 JO65 > IO80JV C G4UPS
 05101727 SM7AED 559/559 > IO80JV C G4UPS
 05120749 SM7AED 559/559 MS > IO80JV C G4UPS
 05160754 SM7AED 599/599 ARNE > IO80 C G4UPS
 05161506 SM7WDS 59/59 JO66WO GEORGE S G4UPS
 05161510 SM7WCE 59 -1512 > IO80JV H G4UPS
 05161522 SM0GXX 59/59 JO89 ANDERS S G4UPS
 05161523 SM6CMU 59/59 JO57XK INGO S G4UPS
 05161535 SK3SIX 599 > IO80JV B G4UPS
 05161654 SM7VHS 59/55 JO76LN MARTIN S G4UPS
 05161658 SM5SMH 59/59 JO89TW ROINE S G4UPS
 05161701 SM0ELV 59/59 JO89 KENT S G4UPS
 05161708 SM5TSP 59 > IO80JV S G4UPS
 05161741 SM7URQ 59/59 JO77MJ CHRIS S G4UPS
 05170630 SM7WDS 59/59 JO66WO > KN14 S YO7VE
 05170633 SM6VKC 55/55 JO68CG > KN14 S YO7VE
 05170712 SM7HGD 599/599 JO87HS > KN14 C YO7VE
 05170732 SM7WCE 59/59 JO66KF > KN14 S YO7VE
 05170736 SM5MVF 59/59 JO89NP > KN14 S YO7VE
 05170743 SM1BEA 599/599 JO97IO > KN14 C YO7VE
 05171103 SM3NRY 59/59 JP82QE > KN14 S YO7VE
 05171104 SM7DIT 59/59 JO65MO > KN14 S YO7VE
 05171121 SM0PMT 59/58 JO89VJ > KN14 S YO7VE
 05171132 SM6MKH 59/59 JO68SE > KN14 S YO7VE
 05171142 SM5TSP 57/57 JP90CE > KN14 S YO7VE
 05171200 SM7AED 599/599 ARNE > KN14 C YO7VE
 05171207 SM7AFI 559/599 > KN14 C YO7VE
 05171218 SM6MFA 59/59 > KN14 S YO7VE
 05171233 SM7FJE 59/59 BO > KN14 S YO7VE
 05181032 SM3EQY 59/59 JP81PT > KN14 S YO7VE
 05181107 SM5VTF 59/59 JO89NP > KN14 S YO7VE
 05181112 SM7WCE 59/59 JO66KF > KN14 S YO7VE
 05181114 SM7WHS 59/59 JO87ET > KN14 S YO7VE
 05181138 SM0ELV 59/59 JO89UL > KN14 S YO7VE
 05181242 SM5BAE 59/59 JO65OP > KN14 S YO7VE
 05271755 SM7TKR 59/59 JO77MJ EMIL S G4UPS
 05271758 SM7WDS 59/59 JO66WO GEORGE S G4UPS
 05271759 SM7WCE 59/59 JO77MJ > IO80JV S G4UPS
 05271821 SM0LKB/5 59/59 JO78UG > IO80 S G4UPS
 05291421 SM7WDS 51/51 JO66UO 50.2 S EH8BFX
 05310834 SK3SIX 589 > IO80JV B G4UPS
 05310834 SM3BITU 59 > IO80JV H G4UPS
 05310834-SM3VEE 59 RAPID QSB > IO80 H G4UPS
 05310834-SM4EPW 55, SM0GXX 59 > IO80 H G4UPS
 05311001 SM3JUG 59 WKG PA > IO80JV H G4UPS
 05311019 SM5HJZ 59/59 JO99GJ JONAS S G4UPS
 05311124 SM6MFA 59/55 JO67AT HANS S G4UPS
 05311844 SM6VYK 55 -1900 > IO80JV H G4UPS

SWITZERLAND

05161614 HB9ONW 59/59 JH37 > KN14 S YO7VE
 05271833 HB9AOF 57/56 JH36AD YVES S G4UPS
 05291429 HB9OAB 59/59 JH46ME > IO80JV S G4UPS
 05291430 HB9CXX 59/54 JH46LD LUGI S G4UPS
 05291453 HB9AOB 55/55 JH46ME 50.2 S EH8BFX
 05291504 HB9HFO 57/57 JH36LQ -1520 S G4UPS

WALES

05160915 GW3YDX 599/599 IO82LS > KN14 C YO7VE
 05160938 GW3YDX 59/57 IO82LS > KN14 S YO7VE

Reports of North America

This month's TV and FM DX reports via Es were submitted by Pat Dyer, WA5IYX, San Antonio, TX and Danny Oglethorpe, Shreveport, LA, William Eckberg, Dixon, IL; Jeff Kruska, Baton Rouge, LA; Fernando Garcia, Cd Guadalupe, NL, Mexico; and Mike Cherry, VE7SKA. Reports from the Internet from Rick Shafter, Sparta NJ, and Greg Coniglio, Williamsville, NY.

ALASKA

06180256 KL7MO 340 BP54 50.125 C VE7SKA
 06210503 KL7R 1102 T W7GJ
 06221849 KL7MO 459 BP54 > CM87 50.125 C K6FV
 06260334 KL7MO -0344 > DO05 50.125 W VE6NM

BAHAMAS

05311514 C6AJR > EN68XK 50.110 W H8EJN
 06071455 C6AJR 59+ FL16 > EL49 RICK
 06101714 C6AJR > FK68 50.125 H WP40
 06111256 C6AJR FL16 > EN81 W KC8CSD
 06111301 C6AJR FL16 > EN74 W H8CGY

CANADA, Eastern: Emil, W3EP, posted: "Six-meter Es conditions were very poor June 9-15 while in Nova Scotia and Cape Breton. Called CQ on 6 meters from these grids during that week: FN64 65 75 76 85 86 95 96 GN05 06. Got replies only while in FN96 and GN05. Contest weekend from GN05: Good location on a bluff overlooking water at Louisbourg National Historic Park, 3 ele and 100W.

Three short, weak openings: June 14 2245-0050; June 15 1350-1420, 2315-0000. Scatter poor to nonexistent Sunday morning. Scatter good at the beginning of the contest. Best DX=AA9D (EN51) at about 2300 km. Results: 68 QSOs and 30 grids. Grids worked: EN52, 61, 71, 72, 80, 81, 82, 90, 91 FN00, 11, 20, 85, 95, 96 EM79, 88, 95, 97, 99 FM04, 07, 08, 14, 15, 16, 17, 18, 19, 79

Did not hear any W1s (save briefly on scatter). Did not hear W2SZ or W3YTL. W3CCX could not hear me even when 55 in GN05. Thanks to those stations who operated beacon mode on 50.125. They served as fair propagation indicators, but of course they could not copy GN05 either. Evident that few stations pointed NE. Difficult time getting attention, even when the band did open. European video strong only Monday morning after the contest, but no real Europeans."

05302040 CBFT 2 PQ 1414 T OGLETHO
 05302232 CBFT 3 ON Barrie 1102 T NOUHI
 05302325 unIDe 2 CANADA T OGLETHO
 05310033 CBX 2 ON 1098 T OGLETHO

06010002 CKCO2 2 OH 1103 T OGLETHO
06010022 CHBK 2 OH 1098 T OGLETHO
06010051 CIDR OH Windsor 93.9 F WA5IYX
06010052 CIDR OH Windsor 88.7 F WA5IYX
06010159 CPMK 2 HOCKEY, FRENCH T OGLETHO
06020235 CPFR 2 ON TBT BX 1130 T OGLETHO
06021410 UNDS 2 CANADA T OGLETHO
06041623 CDMX OH Windsor 88.7 F WA5IYX
06090310-VEBCTT FN07 > FN02 AU 144 W K8C8II
06100458-VEBCTT FN85 > FN66 W K8C8II
06100458-VEBCTT FN85 > FN66 W K8C8II
06100507-VEBCTT FN85 > FN66 W K8C8II
06110330 VE3TPD 59 50.125 B W5JHV
06110455 VE8BY S2 100.000 B W5JHV
06112310 VE1/W3EP FN96 > FN74 W W5JHV
06122359 VE1SUM 59 FN84>FN86 50.000 B W5JHV
06140336 VE8BY FN35 > FN13 W W5JHV
06221340 VE2PIJ FN35 > FN13 W W5JHV
06242330-VE2, 3, 7 -0350 > EL57 W W5JHV
06270042 VE3BGC FN76 > FN84 Es 144 W W5JHV

CANADA, Western

05061820 CJFB-2 2 SA 997 T ECKBERG
05061855 CFCQ-2 6 SA NBATTLEFORD1129 T ECKBERG
05061900 CJFB 5 SA 1029 T ECKBERG
05061900 CKCK-2 6 SA WILLOW BUNCH917 T ECKBERG
05061930 CITL 4 AB 1206 T ECKBERG
05062000 CKCK 2 SA 918 T ECKBERG
05062000 CKSA 2 AB 1206 T ECKBERG
05071637 CKND2 2 MB WPG-TV 1279 T OGLETHO
05071720 CKCK 2 SK Eye on SK 1367 T OGLETHO
05181840 CKND2t 2 MB T OGLETHO
05211700-VE6ARC > CM88 B K6QXY
05212014 VE7 & SOLAR NOISE BURST B K6QXY
05232000-VE6, VE7 > CM88 B K6QXY
05251900-VE6, VE7 > CM88 -2400 B K6QXY
05252159 CKND2 2 MB 1279 T OGLETHO
05252256 CICT 2 AB > DM05 1110 T SMITH
05252319 CERN 3 AB > DM05 1300 T SMITH
05252320 CBKTT 5 AB > DM05 1300 T SMITH
05260300 VE6ARC > CM88 -0600 B K6QXY
05260300 VE6EMU > CM88 -0600 B K6QXY
05262100-VE7 > CM88 B K6QXY
05270246 VE6TA DO31 > CM88 AU 144.195 C VE7SKA
05270309 VE6PY DO20 > CM88 AU 50.135 S VE7SKA
05270345 VE6NTT > CM88 AU 50.125 H VE7SKA
05270348 VE7BEE DN09> CM88 AU 50.135 S VE7SKA
05270401 VE6TA DO31 > CM88 AU 50.125 S VE7SKA
05270447 VE6TA DO31 > WA AU 144.2 C WB7QBS
05301733 CBWFT 3 MB Winnipeg 1336 T N0UIH
06020323 CKND2 2 MB CKND NEWSL 1279 T OGLETHO
06020400 VE4VHF EN19 > EL09QL 50.036 B WA5IYX
06032423 VE6 DO31 > CM87 WA6GYD
06050200 VE7 CN88, CN89 > DN41 H7SFT
06051619 VE4VHF 95* EN19>CN88 50.037 B VE7SKA
06090350 VE6 DO31 > CN87 AU 50 50
06110500-VE7XP 75* DO70 50.135 S VE7SKA
06151356 VE5LY 75 DO70 50.145 S VE7SKA
06151359 VE5NN 75 DO70 50.145 S VE7SKA
06151402 VE5UP 75 DO61 50.150 S VE7SKA
06151504 VE4EK/4 85 E021 50.130 S VE7SKA
06151752 VE6JW ME 55 DO33 50.125 S VE7SKA
06151919 VE7DDR/7 tr325 CO70 50.140 C VE7SKA
06152257 VE7XP CN89 > CM87 50.129 S K6FV
06152258 VE7SKA CN88 > CM87 50.129 S K6FV
06172424 VE4VHF/b 85 EN19 50.037 B VE7SKA
06172300 CBWFT 3 MB 85 T VE7SKA
06180028 VE7FW/M DON DN89>DM59 S W0MTK
06181213 CKCK 2 SK 12 secs MS T VE7SKA
06210313 VE8WD DP22 > EM48 B WA0KBE
06210356 VE4VHF 579 > CM85 B N7DB
06210412 VE4VHF/b 100 EN19 50.036 B VE7SKA
06210431 CBWFT 3 MB 100 1167mi T VE7SKA
06210433 VE6MK 45 DO33 > CM85 W N7DB
06210442 CKCK 2 SK 90 855mi T VE7SKA
06210459 CPSS 3 SK 80 889 T VE7SKA
06210500 VE6EMU 579E0526 > CM85 B N7DB
06210516 VE8WD 55 DP22 50.0199 B VE7SKA
06210528 VE4VHF VY STROG > CM85 B K7RAT
06210528 VE6EMU VY STROG > CM85 B K7RAT
06210528 VE8WD 569 > CM85 B K7RAT
06210538 VE6MK 559 DO33 > CM85 B N7DB
06210557 CITL 4 AB 55 662 T VE7SKA
06210559 CKSA 2 AB 65 662 T VE7SKA
06210600 VE6JWB 59+ DO31 50.125 S W6YU
06210606 VE8WD 519 DP22 > CM85 B N7DB
06210610 VE6AB 57 DO21 50.125 S W6YU
06210612 VE6PY 59 DO31 50.125 S W6YU
06210630 VE6ARC > CM85 B N7DB
06220221 VE6HDO DN39 > CM87 50.130 S K6FV
06221840 VE7HCE CN99 > CM87 50.130 S K6FV
06221855 VE7VDC CN89 > CM87 50.125 S K6FV
06221855 VE7XP CN89 > CM87 50.135 S K6FV
06221902 VE7FW CN89 > CM87 50.125 S K6FV
06221905 VE7XO CN79 > CM87 50.220 S WAOKBE
06230000-VE7SKA CN88 > EM48 WAOKBE
06230000-VE7XP CN89 > EM48 WAOKBE
06240210 VE6EMU 599 50.041 B K6FV
06240215 VE6AMB 599/589 DO05 50.130 C K6FV
06240221 VE4VHF 349/459E0340 50.036 B K6FV
06240223 VE6ARC 569 DO05>CM87 50.043 B K6FV
06240228 VE6BGT 59/59 DO32 50.145 S K6FV
06240235 VE6ITV 57 DO24>CM87 50.125 S K6FV
06240238 VE6EGN 58/59 DO23 50.200 S K6FV
06240318 VE6NM 59/59 DO05 50.141 S K6FV
06240332 VE6KP 59/59 DO32 50.155 S K6FV
06240335 VE7RKC 57/44 DO00 50.135 S K6FV
06240340 VE6IXR 57/57 DO21 50.125 S K6FV
06240347 VE7WMH 59 DN09>CM87 50.131 S K6FV
06240300 CKCK 2 SK REGINA -2330 T K6XK/7
06252330 VE4VHF 59 -0030>DN31 50.038 B WATHQD

CUBA

06182033 CO2OJ & HRD BY WP40 W KP4EIT

MEXICO

03211456 XE2UEL VERY WEAK -1545 B XE2HVB
03221642 XE2UEL VERY WEAK B XE2HVB
05181415 UNID 2 XEW T OGLETHO
05182310 XE 2,4,3 TV7,XEW in/out 6hr T OGLETHO
05252205 UNIDS 2,4,5 MEXICO T OGLETHO
05252333 XHBC 3 BCN Mexicali T WA5IYX
05260045 XHG 4 JAL 1003 T OGLETHO
05261935 UNID 2 XEW T OGLETHO
05281830 XHND 2 OAX XHG-5 1050 T OGLETHO
05291830 UNIDS 2,4 XEW,TV AZTECA T OGLETHO
05291830 XHND 2 OAX 1050 T OGLETHO
05310345 UNID 2 MEXICO T OGLETHO
05312125 UNID 2 XEW T OGLETHO
06022158 XHBC 3 BCN Mexicali T WA5IYX
06022245 XHFI 5 CH LOCAL ADS 778 T OGLETHO
06022310 XHIT 4 CH SUPERED ID 778 T OGLETHO
06022315 XHBC 4 SI/80 B K6QXY
06030400-XE2HVB DL44 > CM88 B K6QXY
06032110 UNIDS 2 XEW ET AL T OGLETHO
06032140 XHG 4 JAL 1003 T OGLETHO
06042225 XE1KK EK09 > EL09 50.022 B WA5IYX
06051440 UNIDS 2,4,5 MEXICO T OGLETHO
06051503 XHY 2 YUC T OGLETHO
06060304 XHBC 3 BCN Mexicali T WA5IYX
06061736 XE1KK EK09 > EL09QL 50.022 B WA5IYX
06061924 XHNS GRO Acapulco 96.9 F WA5IYX
06071909 XHBC 3 BCN Mexicali DM22 T WA5IYX
06091730 XEFP 2 NL Monterrey >EM84 T H4UK
06092200 XE2OR 59DL98>EM79 OH 50.125 N8EJW
06211533 XE2HVB DL44 > CM88 S W6YM
06211543 XE2HVB DL44 > CM87 50.136 S K6FV
06211820 XE2UEL >1935 > CM87 B K6FV
06220148 XE2UEL/b 155 DM10 50.027 B VE7SKA
0623XXXX XE2UEL >CM85 IN MOST OF DAY B N7DB
06240000 XE2UEL/b 173 DM10 50.027 B VE7SKA
06240000 XHBC 3 BCN 175 T VE7SKA

PUERTO RICO

06182140-KP4EIT > EM48 50.125 W W5TFV
06042325 WP40 > EM48 50.125 W KMOA

ST LUCIA

06221048 J6/W6JVKV 53 > FK68 50.125 S WP40

ST PAUL Is.

06281346 CY9AA > EM84XP W H4UK

Sable Is.: Wayne, VE1CBK, was there for work reasons until June 23. Call was supposed to be on 50.132 and 144.200 MHz. Anybody work him?

United States, W1

06090300 WIREX 51A/57A FN55>FN02 144 W N2JH
06090320-K1RE FM19 > FN02 AU 144 W N2JH
06101538 W1VHF 57 FM41 > EM66 B N8PUM
06101600 W1RA 55 FM41 > EM66 50.071 B N8PUM
06101642 W1 > EM70 H KOGU
06122336 W1RA 52 FM41>EM66 50.071 B N8PUM
06122337 W1VHF 59 > EM66 B N8PUM
06122337 W1OUB 59+20 FM54 50.066 B N8PUM
06230005 WIREX FM55 H CO2OJ
06262321 W1COT FM31 > EM09 Es 144 W NOLL
06262322 K1RE RI FM41 > EM09 Es 144 W NOLL

United States, W2

05131625 WGRS 2 WY Flintstones1091 T OGLETHO
06010143 WGRF WY Buffalo 96.9 F WA5IYX
06010250 WGRS 2 WY 1091 T OGLETHO
06020130 WGRS 2 WY 1091 T OGLETHO
06090300-AAZUK FM29 > FN02 AU 144 W N2JH
06101538 K2AD 59 FM20 > EM66 B N8PUM
06141610 N2AU > DN59 S W0MTK
06221924 N2RY >FK68 50.125 W WP40
06262256 N2KFC FM30 >EM09 Es 144 W NOLL
06262303 W2BJT FM30 > EM09 Es 144 W NOLL
06262304 K2AD > EM09 Es 144 W NOLL
06262306 AAZUK WJ FM29 > EM09 Es 144 W NOLL
06262323 W2GKR FM31 > EM09 Es 144 W NOLL
06262327 W2CUT WJ FM20> EM09 Es 144 W NOLL
06262353 K2RJ WJ FM29 > EM09 Es 144 W NOLL
06270014+W2 FM19,FM29 > EM40 Es 144 W KA9CFD
06270014+W2 FM30,FM21 > EM40 Es 144 W KA9CFD
06270024 B2QK > EM09 Es 144 W NOLL
06270033 K2DI WJ FM29 > EM09 Es 144 W NOLL
06270040-WA2VGI EN35 Es 144 W 4EWQ/M
06270053 WA2FGK FM21 > EM09 Es 144 W NOLL
06270054 W2HLT WY FM12 > EM09 Es 144 W NOLL

United States, W3

05131655 KDKA 2 PA > EM32 945 T OGLETHO
05302200-W3VBG WKG W0 > CM88 K6QXY
06010159 KDKA 2 PA 945 T OGLETHO
06010225 WMAR 2 MD TELETHON 1072 T OGLETHO
06010300-W3 > DN70MQ KOGU
06011603 WMAR 2 MD TELETHON 1072 T OGLETHO
06020301 KDKA 2 PA 945 T OGLETHO
06021500+WA3UUM > DN59 50.173 S W0MTK
06122335 W3/KL7GLK 51 FM18>EN66 .076 B N8PUM
06122339 W3HR 59 EN90>EN66 50.068 B N8PUM
06262255 W3KRR FM20 >EM09 Es 144 W NOLL
06262305 WA3DRG > EM09 Es 144 W NOLL
06262324 W3YY FM11 > EM09 Es 144 W NOLL
06262352 KB3PD > EM09 Es 144 W NOLL
06262354 W3BP FM19 > EM09 Es 144 W NOLL
06270014 WA3DRC FM20 > EN40 Es 144 W KA9CFD

06270014+W3 FN10 > EN40 Es 144 W KA9CFD
06270025 W3BO FN20 > EM09 Es 144 W NOLL
06270032 AB3D DE FM29 > EM09 Es 144 W NOLL
06270032 N3AJE FN10 > EM09 Es 144 W NOLL

United States, W4: We have arbitrarily stuck WILP/MM here, although he operates in the Gulf of Mexico and Caribbean. A message dated June 27: "Just got out of Tampa FL, this afternoon and will be slow-steaming due west at 10 knots towards Texas until Monday morning... will be going through EL77, EL67, EL57, EL47, EL37, EL38, EL28, then into EL29 on Monday morning. QRV 6m and 2m. Unfortunately, the ship will then lay-up for a couple of weeks in Galveston, TX so I'm gonna be stuck in EL29 for what will probably be outstanding conditions."

05181725 W8HB 2 FL > EM32 789 T OGLETHO
05251900+W4 AL,GA > CM88 -2400 K6QXY
05260130 KASA 2 NM 753 T OGLETHO
05260229 KACV 2 TX 501 T OGLETHO
05260240 KOB 4 NM 764 T OGLETHO
05261630+W4 GA WEAK & SPOTTY -1830 K6QXY
05261719 W4TK GA > EL09 50.13+ WA5IYX
05262027 WUBD 2 MC UNCTV 1031 T ECKBERG
05301530 KASA 2 NM 972 T ECKBERG
05310105 KASA 2 NM 810 T KRUSEKA
05311600 WWAY 3 MC > EM04 810 T KRUSEKA
05312355 WA SC > DM59 -0015 H W0MTK
06010020 W4 EM63, EM70 > EN66 784 T ECKBERG
06010155 WBRE 2 LA 784 T ECKBERG
06010300-W4 > DN70MQ KOGU
06011600 K4YRT EM63 TN>EL09 50.130 WA5IYX
06011600 K4MH EM75 >EL09 50.130 WA5IYX
06011600 W4/KP2AE EM73 GA>EL09 .130 WA5IYX
06011631 WWAY 3 MC Wilmington T WA5IYX
06011634 WCBF 2 SC Charleston T WA5IYX
06011658 WESH 2 FL 789 T OGLETHO
06011723 K4KUA ALBERT EM90 > DM59 S W0MTK
06011723+W4JRP, WAUDH > DM59 S W0MTK
06011729 WAVE 3 KY Louisville T WA5IYX
06011739 WDOG SC Allendale 93.5 F WA5IYX
06011759 WSKJ 2 TN PUBLIC TV 665 T OGLETHO
06011820 K4SIX EM83 > EL09QL 50.078 B WA5IYX
06011940 KACV 2 TX 501 T OGLETHO
06012100+W4 NC > CM88 -2400 K6QXY
06012200 WDIQ 2 AL 727 T ECKBERG
06021500+K4ASYV > DM59 50.173 S W0MTK
06021500+W4JQQ, K4YRT, KP4CIA 50.173 S W0MTK
06023235 WBQT 2 FL 939 T OGLETHO
06032340 KXME 5 NM 764 T OGLETHO
06042325 W4 > EM48 KMOA
06042359 WBTV 3 NC Charlotte EM95 T WA5IYX
06050014 WTRQ NC Winston-Salem104.1 F WA5IYX
06050015 WESC SC Greenville 92.5 F WA5IYX
06051245 WPBT 2 FL 939 T OGLETHO
06051250 WFOR 4 FL 939 T OGLETHO
06060030 KASA 2 NM 753 T OGLETHO
06071455 W4 S.F.L. > EL49 RICK
06072141 W4UDH EM52 > DM59 50.135 S W0MTK
06072200 W4 AL,GA EM63,64,73 > CM97 K6YK
06100100-W4 EL79,97,88 > FK68 W WP40
06100234 KB4OYM EL49 > DM59 50.173 S W0MTK
06171330 W4 KY,NC,GA,SC -1445 CO2OJ
06172313 WB4QQX 120 EM81 50.125 S VE7SKA
06172319 W4/WB2OTK EM84 50.125 S VE7SKA
06172325 W4 > EM66 KC8DII
06192200 W4 GA > DM59 H W0MTK
06221640 WESH 2 FL DAYTONA > NW NJ T SHAFTAN
06221640 WPBT 2 FL MIAMI > NW NJ T SHAFTAN
06221640 WTVJ 4 FL MIAMI > NW NJ T SHAFTAN
06221740 K4RPN FL > MD 50.130 H
06221800 W4/W9GU GA > MD 50.147 H
06221818 W4UDH > MD 50.146 H
06221915+RA4I 559 EM83>FK68 50.125 C WP40
06222120-W4UK SC W WP40
06240209 K4WMM EM90 > CM85 W N7EJW
06240224 W4/KC2X EL98 > CM85 W N7EJW
06240252 K4JAP EM70 > CM85 W N7EJW
06240300 W4/WB2QLP EL96 > CM85 W N7EJW
06240301 K4FUS EL95 > CM85 W N7EJW
06240400 K4TJZ EM66 > CM85 W N7EJW
06240400 WB4IFI EM66 > CM85 H N7EJW
06242109 WESH 2 FL Daytona Beach T WA5IYX
06242126 WTKA FL Orlando 92.3 F WA5IYX
06242129 WMTF FL Orlando 90.7 F WA5IYX
06242158 WEDU 3 FL Tampa T WA5IYX
06242200 WBTU 3 NC Charlotte T WA5IYX
06250100-WILP/MM EL57 >DN70 <0300 W KOGU
06250148 WILP/MM 135 EL57 50.135 S VE7SKA
06250300 W4 FL 9 STA > DN70 W KOGU
06261959 WKRN 2 TN Nashville T WA5IYX
06262248 W4 FL Jacksonville> EN740H W N8CYG
06262323 WMC TN Memphis 99.7 F SHAFTOR
06270017 W4KWK FM08 > EM09 Es 144 W NOLL
06270018 K4AGV EM96 > EN66EL Es 144 W NOLL
06270018 K4UFP FM08 > EM09 Es 144 W NOLL
06270019 W4 VA,NC > EN34FV -0105 144 W NOLL
06270025 K4KAE FM02 > EN66DL Es 144 W N8PUM
06270025-K4QI FM06 > EN66EL Es 144 W N8PUM
06270026 K4AGV EM96 > EN66DL Es 144 W N8PUM
06270028 W4PGM FM07 > EN44 Es 144 W N8PUM

06270030 K4KAE FM02 > EN740H 144.2 H H8CGY
06270032-W4WW FM95 > EN66EL E 144 W W8
06270034 K4Q1 59+20 FM06 EN66 E 144 W8PUM
06270039-W4/WA15MS FM07 > EN66EL 144 W W8
06270039-W4WW FM95 > EN66DL E 144 W8PUM
06270040-W4WW FM95 > EN740H E 144 W8CGY
06270043 W4WW FM95 > EN82GT E 144 W W8BKKM
06270044 B4UK FM84 > EN82GT E 144 W W8BKKM
06270044 W4UE FM90 > EN82GT E 144 W W8BKKM
06270045-W4/WA15MS FM07 EN66 E 144 W8PUM
06270046 W4LK FM93 > EN82GT E 144 W W8BKKM
06270046 W4AFY FM92 > EN82GT E 144 W W8BKKM
06270047-W4/K1WW FM15 > EN66EL E 144 W W8
06270049 B4TJ FM02 > EN82GT E 144 W W8BKKM
06270050 K4KAE FM02 > EN82GT E 144 W W8BKKM
06270050-W4/K1WW FM15 EN66 E 144 W8PUM
06270100 W4AC FM16 > EN84 E 144 W8AKC/9
06270202 K4JP 120 EM86 EN88 50.125 S VE7SKA
06270203 K4TJ 120 EM66 EN88 50.135 S VE7SKA
06270205 W4AIF 120 EM66 EN88 50.135 S VE7SKA
06270210 W4END 120 EM74 EN88 50.144 S VE7SKA

United States, W5

05230300 W5 EM18 > CM88 K6QXY
05251900+W5 TX,EM,OK > CM88 -2400 K6QXY
05260009 W5UWB EL17 > DM59 50.173 W0MTK
05260036 K5PMT MARK EL29 > DM59 S W0MTK
05260054 W5WK (EX AB5TU) EM11 > DM59 S W0MTK
05260058 K5YVS HAL EM12 > DM59 S W0MTK
05260103 W5OEI TED EM00 > DM59 S W0MTK
05260105 K5SADG BRAD EM12 > DM59 S W0MTK
05260113 K5QKE JIM EM13 > DM59 S W0MTK
05260115 W5SRI LEON EM22 > DM59 S W0MTK
05260118 K5OWJ JOE EM13 > DM59 S W0MTK
05260123 W5JAY (EX KASDGH) EM25 DM59 S W0MTK
05260128 W5SVK DICK EM13 > DM59 S W0MTK
05260152 K5UZY CHARLES EM04 > DM59 S W0MTK
05260201 W5ITW JACK EM15 > DM59 S W0MTK
05260208 W5VGS CLAY EM42 > DM59 S W0MTK
05260211 W5TML STEVE EM14 > DM59 S W0MTK
05260221 K5SAFY BILL EM25 > DM59 S W0MTK
05260226 W5QDE LOUIS EM26 > DM59 S W0MTK
05260228 K5COP PAUL EM12 > DM59 S W0MTK
05261630+W5 AR WEAK & SPOTTY -1830 H K6QXY
05312350 W5JEH DM65 > CM97 H K6YK
06010020 W5 EM50 > EN66 K8BDII
06010030 W5 LA EL39 > EN74 H8CGY
06011723+K5SWCO, K5VSE/M, K5VXT S W0MTK
06011723+K5SAFY, K5CED, K5VNU S W0MTK
06011723+K5SCUA, K5QVU, K5WFE S W0MTK
06012100 W5UWB > DM70 144 E H KOGU
06012100 W5UWB 59--> DM78 144 E H8YGM
06012100+W5 NM > CM88 -2400 K6QXY
06012212 K5SOAO LA EM > CM88 50.125 S VE7SKA
06012100+K5RUB > DM59 50.173 S W0MTK
06012100+W5IQ, W5AMA, K5LNN 50.173 S W0MTK
06021800 W5 TX > CM88 K6QXY
06030200 W5 NM > CM88 K6QXY
06042344 W5MS 150° EL09 > CM88 .125 S VE7SKA
06042348 K5SUKB 150° EL09 50.140 S VE7SKA
06042350 W5HMS 150° EL29 50.140 S VE7SKA
06042355 W5 EL09, EL29 > CM88 WEAK VE7SKA
06051514 WASOMD TOM EM10 DM59 50.140 S W0MTK
06051715 W5FP 155° DM64 CM88 50.125 S VE7SKA
06071873 W5DO DM65 WKG XEL17? 50.110 H W5IYX
06072125 W5 NM DM65 > CM97 K6YK
06091758 KPRC 2 TX Houston > EM84 T H4UK
06091900 KDTM 2 TX Denton > EM84 T H4UK
06091930 W5GVE EM01 > EM84 144 E H4UK
06092005 K5YT EM22 > EM84 144 E H4UK
06092020 KMDI 2 TX Midland > EM84 T H4UK
061000210 K5SGEG CARL EL29 DM59 .173 S W0MTK
06100221 W5VUB RICK EL49 DM59 .173 S W0MTK
06100231 K5CTAO CARL EL09 DM59 .173 S W0MTK
06100241 K5COP PAUL EM12 DM59 .173 S W0MTK
06150221 W5 DM 63, 64 & 65 NM -0240 VE7SKA
06150248 K5AM 150 DM54 50.125 S VE7SKA
06172254 W5TXR 135 DM76 50.125 S VE7SKA
06172325 W5 > EN66 K8BDII
06180146 W5JEH 155 DM65 50.125 S VE7SKA
06181345 W5 EM15, EM05 > EN66 W K8BDII
06182000 W5 S TEX EL07, 08, 09 -2300 W CO2OJ
06182140 W5TFV EL07 > FK68 W W4O
06210212 W5JEH DM65 > CM87 50.220 S K6FV
06210253 K5VEM 145 EM18 50.125 S VE7SKA
06210302 W5EVB 145 EM18 50.125 S VE7SKA
06221815 K5SRC MS EM42 -1830 H W3 (MD) S K6FV
06221950 W5/NOIPL DM76 > CM87 50.200 S K6FV
06232345 W5TML 59 EM14 > CM85 W N7DB
06232347 W5SE 140 EM02 50.125 S VE7SKA
06232352 W5SE 140 EL09 50.130 S VE7SKA
06240141 W5QGH 150 EM13 50.145 S VE7SKA
06242330+W5 MS, AR, OK -0345 > EL38 CO2OJ
06250131 W5HMS 125 EL29 50.140 S VE7SKA
06250206 K5SHFM 135 EL59 50.175 S VE7SKA
06252000 W5SAL DM56 > FM13 H K2SPO
06262249 K5CS TX Dallas 96.3 F SHAFTON
06262254 K5VOM AR Morrilton 101.7 F SHAFTON
06262308 K5YIT TX Bonham 98.3 F SHAFTON
06262310 K5LUV TX Dallas 98.7 F SHAFTON
06262324 K5RE AR Jonesboro 100.5 F SHAFTON
06262325 K5WK AR Russellville 100.9 F SHAFTON
06262326 K5POC AR Pocahtonta 103.9 F SHAFTON
06262335 K5RMB TX Decatur 105.7 F SHAFTON
06262338 K5DER TX Denton 99.1 F SHAFTON
06270000 K5LK TX Winfield 97.7 F SHAFTON
06270033 W5SFW DM95 > EM84 E 144 W4UK
06270046 W5AL 59+20 DM95 EM84 E 144 W4UK
06270055 K5SUOS DM84 > EM84 E 144 W4UK
06270056 W5/HIGH EM04 > EM84 E 144 W4UK

United States, W6

04191615 W6 MS ON CW -1829 H XE2HWB
05031548 AA6D? VERY WEAK H XE2HWB
05031556 K6JMV S XE2HWB

05031558 W6SJR DM14 S XE2HWB
05031559 AB6GY DM03 S XE2HWB
05031603 K6GOM DM14 S XE2HWB
05031603 W6YLX DM04 S XE2HWB
05251929 KXYT 3 CA Santa Barbara T W5IYX
06022028 KFPK CA Los Angeles 90.7 F W5IYX
06022030 KFCAC CA S. Barbara 88.7 F W5IYX
06022031 KFOX CA Redondo Beach 93.5 F W5IYX
06022031 KLAJ CA Long Beach 97.9 F W5IYX
06022038 KHAY CA Ventura 100.7 F W5IYX
06022113 KLOS CA Los Angeles 95.5 F W5IYX
06022119 KFWR CA Los Angeles 105.9 F W5IYX
06022123 KDB CA S. Barbara 93.7 F W5IYX
06022137 KCBK CA Los Angeles 93.1 F W5IYX
06022131 KKTBT CA Los Angeles 92.3 F W5IYX
06060305 K6XQ > EL09 50.200 W5IYX
06060324 AA6DD > EL09 50.150 W5IYX
06072220 K6GUX 180° MS DM14 50.125 S VE7SKA
06141841 KUGES MS 165 CM87 50.125 S VE7SKA
06151318 W6GKLK/7 ? DM12 50.125 S VE7SKA
06152251 K6G1 165 CM97 50.125 S VE7SKA
06152254 W6AMT 165 CM97 50.144 S VE7SKA
06152257 K6FV 165 CM87 50.130 S VE7SKA
06152304 W6BLRV 165 CM97 50.140 S VE7SKA
06161637 K6LTLX 165° CM87 CM88 50.125 S VE7SKA
06161638 K6PXT 165° CM87 CM88 50.125 S VE7SKA
06161644 K6FV 165° CM87 CM88 50.069 S VE7SKA
06170135 K6GWW -0340 CM98 > FL W4ATT
06171837 K6GMD 180 DM04 50.125 S VE7SKA
06172151 K6FV/b 180 CM87 50.069 S VE7SKA
06172154 K6LTLX/6 180 CM88 50.125 S VE7SKA
06172157 K6BNAH 180 CM87 50.125 S VE7SKA
06172159 KTVX 2 CA 180 T VE7SKA
06220158 K6GUX 165 DM14 50.125 S VE7SKA
06220219 W6AOL 135 DM79 50.125 S VE7SKA
06230000+K6JHI DM03 > EM48 WAOKE
06230000+W6CAP > EM48 WAOKE
06230200 W6CAP > EM48 50.125 H WAOKE
06231644 KYCY CA SAN FRANCISCO 93.3 F W5IYX
06231801 W6FM 59 CM95 > CM85 N7DB
06240311+W6 > DO05 H VE6NM
06240950 K? 2 CA? 55.26 V K1AA
06240950 K? 3 CA? 61.240/61.260 V K1AA

United States, W7

05071700 KTVQ 2 MT Q2 1215 T OGLETHO
05113347 KUTV 2 OR, UT > CM32 1160 T OGLETHO
05121700 W7 WA > CM88 K6QXY
05232000-W7 WA, OR, MT > CM88 K6QXY
05251900 W7 MT, WA, ID, UT, WY, AZ -2400 K6QXY
05252243 KRTV 3 MT > DM05 950 T SMITH
05252246 W7HQD DM31 > OR 50.125 H KKTAY
05252249 KE7MS DM41 > OR 50.060 B KKTAY
05252250 K7UV DM31 > OR 50.335 C KKTAY
05252335 KVVU 5 NV 1238 T OGLETHO
05260000 K5HT UT Provo 94.9 F W5IYX
05260130 KNAZ 2 AZ 1045 T OGLETHO
05260140 KLEY WY Powell 92.5 F W5IYX
05260143 W7TD RUSS NM12 > DM59 S W0MTK
05260246 KE7OI DM76 > CM88 50.125 S VE7SKA
05260259 KTVQ 2 MT > CM88 T VE7SKA
05260300 KFBK 3 MT > CM88 T VE7SKA
05260316 KE7MS DM31 UT-EL09 50.06 B W5IYX
05260326 W7ML DM45 > CM88 50.125 S VE7SKA
05260330 KPHOT 5 AZ T OGLETHO
05261735 KUTV 2 UT 1160 T OGLETHO
05261815 KCWCT 4 WY T OGLETHO
05261900 KTVQ 2 MT 1215 T OGLETHO
05261900 KTWQ 2 WY 996 T OGLETHO
05262100-W7 WA K6QXY
05270156 W7HAH DM28 > CM88 AU 50.062 B VE7SKA
05270203 W7HAH DM26 > CM88 AU 50.125 H VE7SKA
05270208 W7EL 55 CM84 > CM88 AU 50.125 H VE7SKA
05270231 W7ML DM45 > CM88 AU 50.125 S VE7SKA
05270305 W7ML DM45 > WA AU 50.1 C WB7QBS
05270325 W7HAH DM26 > WA AU 144.2 C WB7QBS
05270326 W7HAH DM26 > CM88 AU 144.200 H VE7SKA
05270330 W7GJ DM27 > WA AU 50.1 C WB7QBS
05270341 W7GJ DM27 > CM88 AU 50.125 C VE7SKA
05270353 K7XD CM85 > CM88 AU 50.125 C VE7SKA
05271600-W7 AZ > CM88 K6QXY
05280050 W7US > CM88 B K6QXY
05301325 KTWQ 2 WY 996 T OGLETHO
05302200-W7 > CM88 K6QXY
06010100 W7 OR CM84, CM85 > DM68 W3DHJ/0
06011614 W7ML DM45 > CM88 50.125 S VE7SKA
06011855 KUTV 2 UT 1160 T OGLETHO
06012024 KCMH Mt Miles City 92.5 F W5IYX
06012040 KSL 5 UT TELETHON 1160 T OGLETHO
06012040 KTVX 4 UT 1160 T OGLETHO
06012055 KAML WY Gillette 96.9 F W5IYX
06012100+W7 AZ > CM88 -2400 K6QXY
06012237 K7KYQ DM67 > CM88 50.125 S VE7SKA
06012300 KCWC 4 WY PUBLIC TV 1071 T OGLETHO
06012320 KTWQ 2 WY 996 T OGLETHO
06020000+W7 DM33 > EM26 W KOAZ
06020410 KGWRT 5 WY CBS5 ON NX T OGLETHO
06020410 KTWQ 2 WY 996 T OGLETHO
06021500+W7DM > DM59 50.173 S W0MTK
06022328 KIDK 3 ID Pocatello T W5IYX
06022350 KVVU 5 NV 1238 T OGLETHO
06030000 KUTV 2 UT Salt Lake City T W5IYX
06030015 KNAZ 2 AZ 1045 T OGLETHO
06030044 K7J DM33 AZ > EL09 50.150 W5IYX
06032230 KNAZ 2 AZ 1045 T OGLETHO
06032320 KCWC 4 WY 1071 T OGLETHO
06032320 KVVU 5 NV 1238 T OGLETHO
06032340 KPVO 5 AZ 1065 T OGLETHO
06040018 W7 MT DM35, 36, 46 > CM98 WBSOMP/6
06042210 W7EW CM85 > DM59 50.125 S W0MTK
06042325 W7 DM33 > EM48 KMOA
06050121 W7 DM41, DM57 > CM88 -0217 VE7SKA
06050159 KUTV 2 UT 155° T VE7SKA
06050200 W7 CN86, CN87, CN88 > DN41 N7SFT
06051427 KUTV 2 UT 1160 T OGLETHO
06051448 KNAZ 2 AZ 1045 T OGLETHO

06051448 KTVX 4 UT 1160 T OGLETHO
06051559 KIDK 3 ID Pocatello T W5IYX
06051725 KTWQ 2 WY 996 T OGLETHO
06051819 W7GJ DM42 > EL09 50.068 B W5IYX
06051900 AB715 REX DM18 > DM59 50.125 S W0MTK
06060108 KNAZ 2 AZ 1045 T OGLETHO
06060328 KTHQ AS Eager 92.5 F W5IYX
06071848 KTVX 3 AS Phoenix DM33xi T W5IYX
06071921 KTVV NV Las Vegas 93.1 F W5IYX
06071925 KVVW AS Show Low 93.5 F W5IYX
06071927 KTHQ AS Eager DM54 92.5 F W5IYX
06072257 K7ICW 175° DM26 50.125 S VE7SKA
06072300 W7 NV DM26 > CM97 K6YK
06072304 K7GFW 175° DM16 50.125 S VE7SKA
0607XXXX W7ML DM45 IN MOST OF AM VE7SKA
0607XXXX W7GJ DM27 IN MOST OF AM VE7SKA
06110500+K7RAT C B5JHV
06112345 W7HQX 55 DM31 > CM89 50.130 F W7FW
06140130 W7/BOXX BILL CM84 > DM59 .130 S W0MTK
06141904 K7CA 165 DM26 50.125 C VE7SKA
06142041 KTVK 3 AS 150 T VE7SKA
06150253 W7ML 59 DM45 > CM87 50.125 S K6FV
06152131 W7GJ MS 105 DM27 50.125 S VE7SKA
06151337 W7WMT/7 ? DM53 50.125 S VE7SKA
06151437 W7IY CM82 > CM87 50.125 S K6FV
06151452 K7WFP/7 145 DM36 50.125 S VE7SKA
06151545 K7YGV 145° DN41 50.150 S VE7SKA
06151707 W7XU 115 EN13 50.152 S VE7SKA
06152311 W7EFD CM87 > CM87 50.135 S K6FV
06170130-W7RV DM65 > FL W4ATT
06170135+W7DB CLG C6AIE > FL H W4ATT
06171917 K7CA 165 DM26 50.125 S VE7SKA
06172207 W7CFO/7 MS 170 CM92 50.125 S VE7SKA
06172315 K7CYQ 95 DM76 50.135 S VE7SKA
06172326 KRTV \$ 3 MT 105 T VE7SKA
06180144 KE7MS/b 145 DN41 50.061 B VE7SKA
06180145 KUTV 2 UT 145 T VE7SKA
06180147 KE7MS 145 DN41 50.150 S VE7SKA
06181149 KTVQ 2 MT 29 sec MS T VE7SKA
06210205 W7PFO 59 DM54 > CM85 -0400 N7DB
06210233 W7HAH DM26 > CM87 50.200 S K6FV
06210247 W7KSP 155 DM43 50.125 S VE7SKA
06210304 K7KJ 155 DM33 50.150 S VE7SKA
06210306 W7RV 150 DM43 50.135 S VE7SKA
06210436 W7WV FAI 65 CM84 50.098 H VE7SKA
06210446 W7HAH FAI 65 DN26 50.095 H VE7SKA
06210448 K7RMT FAI 65 CM85 50.1 H VE7SKA
06210452 W7GJ 41 30248 DN27 CM85 W N7DB
06210500-W7 DM26, DN27 > CM85 W K7RAT
06210500-W7PQO CM96, W7FI BS > CM85 H N7DB
06210522 W7HAH DM26 > CM85 W N7DB
06210602 W7GJ FAI 65 DN27 50.125 H VE7SKA
06220223 K7CA 135 DM79 50.130 S VE7SKA
06220301 W7W/6 165 DM12 50.125 S VE7SKA
06221500 W7HQD 579 DN31 CM87 50.125 S K6FV
06221540 K7CYQ 459 DN76 CM87 50.220 S K6FV
06221900 W7FI CM87 CM87 50.125 S K6FV
06221906 W7TGO CM88 CM87 50.220 S WAOKE
06230000+W7DG CM85 > EM48 K6QXY
06230000+W7EJ CM85 > EM48 WAOKE
06230000+W7 DM41, DN43 > EM48 WAOKE
06230000+W7/KK5RH > EM48 WAOKE
06230000+W7/BOXX CM84 > EM48 WAOKE
06230000+W7K7R CM86 > EM48 WAOKE
06230203 W7K7R CM85 > EM48 C WAOKE
06230207 W7DB CM85 > EM48 C WAOKE
06230214 W7/BOXX CM84 > EM48 C WAOKE
06232000 KKLX NV LAS VEGAS 96.3 F GARCIA
06232000 KLPX AS TUCSON 96.1 F GARCIA
06232000 KLUK NV LAS VEGAS 98.5 F GARCIA
06232000 KRIX AZ PHOENIX 102.5 F GARCIA
06232000 KSLX AZ SCOTTSDALE 100.7 F GARCIA
06232000 KSNB NV LAS VEGAS 106.5 F GARCIA
06240117 KSGI 4 UT 155 T VE7SKA
06240128 KTVX 2 UT 155 T VE7SKA
06240203 KE7MS/b 150 DN41 50.060 B VE7SKA
06240210-W7ML DM45 > EL98 K2K/4
06240212-W7/BOXX CM84 > EL98 K2K/4
06240214-W7PQO CM96 > EL98 K2K/4
06240216-W7FUP DM33 > EL98 K2K/4
06240218-W7/KK5RH CM84 > EL98 K2K/4
06240220-K7IE CM84 > EL98 K2K/4
06240222-W7DB CM85 > EL98 K2K/4
06240224 W7EJ CM85 > EL98 K2K/4
06240226-W7K7R CM85 > EL98 K2K/4
06240228-K7XD CM85 > EL98 K2K/4
06240230-K7JTH CM32 > EL98 K2K/4
06240232-W7IE CM87 > EL98 K2K/4
06240415 K7CYQ 57 DN78 CM87 50.125 H K6FV
06242314 KIDK 3 ID Idaho Falls T W5IYX
06242320 KBQ ID Pocatello 93.7 F W5IYX
06242323 KLEY WY Powell 92.5 F W5IYX
06242332 KTAG-WY Cody 97.9 F W5IYX
06242336 KMTN WY Jackson 96.9 F W5IYX
06242343 KYCS WY Rock Spring 95.1 F W5IYX
06242346 KTVQ 2 MT 95 T VE7SKA
06250001 W7ML 95 DN45 50.125 S VE7SKA
06250005 W7HAH/b 95 DN28 50.062 B VE7SKA
06250013 KQSW WY Rock Spring 96.5 F W5IYX
06250057 KKMV ID Rupert 92.5 F W5IYX
06251527 KUWR WY Laramie 91.9 F W5IYX
06251559 KTVQ 2 MT Billings T W5IYX
06251600 KUWE WY Rock Spring 90.5 F W5IYX
06251650 KVBC 3 NV Las Vegas T W5IYX
06251726 KIDK 3 ID Idaho Falls T W5IYX
06251839 KHT UT Provo 94.9 F W5IYX
06251844 KUBL UT Salt Lake 93.3 F W5IYX
06251847 KBBH UT Ogden 97.9 F W5IYX
06251848 KSPF UT Salt Lake 104.3 F W5IYX
06251848 KSVI UT Salt Lake 98.7 F W5IYX
06251853 KSOB UT Brigham 106.9 F W5IYX
06251855 KKMV ID Rupert 92.5 F W5IYX
06251859 KYFO ID Ogden 95.5 F W5IYX
06251911 KPKY ID Pocatello 94.9 F W5IYX
06251919 KBQ ID Pocatello 93.7 F W5IYX
06251920 KQSW WY Rock Spring 96.5 F W5IYX
06251927 KGTH ID Rexburg 98.1 F W5IYX

06251937 KMTN WY Jackson 96.9 F WA5IYX
06260158 KCGM MT Scooby 95.7 F WA5IYX
06260204 KVCN MT Wolf Point 92.7 F WA5IYX
06260216 KDSB MT Glendive 96.5 F WA5IYX
06270121 WML DM45 > FM17 W WB4GCS
06270234 W7 C#84,85 > E#740H W #8CGY

United States, W8

05111515 WDIWV 4 MI > EM32 T OGLETHO
05111515 WJKB 2 MI > EM32 904 T OGLETHO
05111625 WDTN 2 OH Ex > EM32 735 T OGLETHO
05162225 WJKB 2 MI Briefly 904 T OGLETHO
05192059 WJKB 2 MI 904 T OGLETHO
05201420 WJKB 2 MI > EM32 904 T OGLETHO
05312345 WJKB 2 MI 904 T OGLETHO
05312355 WDIWV 4 MI 904 T OGLETHO
06010000 WJMN 3 MI > EM04 1075 T KRUSSEKA
06010015 W8SH OH > EL09 50.120 WA5IYX
06010018 WJKB 2 MI Detroit T WA5IYX
06010109 WRQN OH BowlingGreen 93.5 F WA5IYX
06010110 W8EM 5 MI 943 T OGLETHO
06010135 WVKO OH Toledo 92.5 F WA5IYX
06010139 WFO OH Fremont 99.1 F WA5IYX
06010155 WCLR OH Piqua 95.7 F WA5IYX
06010240 WDLR 5 WV > DM70M 876 T OGLETHO
06010300-W8 > DM70M KOGU
06011634 WSAE 3 WV Huntington T WA5IYX
06011836 WDTN 2 OH Dayton T WA5IYX
06020223 WDTN 2 OH 735 T OGLETHO
06041613 WJKB 2 MI Detroit E#82 T WA5IYX
06041626 WVKO OH Toledo 92.5 F WA5IYX
06090330-K8BHZ > F#02 AU 144 H B2JH
06172339 K8RFD 115 EM89 50.170 S VE7SKA
06172353 K8NKA 115 EM98 50.135 S VE7SKA
06180015 K8OOK 130 EM73 50.125 S VE7SKA
06180107 W8 MI > C#92KF W #7CFO
06251939 WKLO MI Holland 94.5 F WA5IYX
06261448 WJMN- 3 MI Escanaba T WA5IYX
06262230 KICM OH Hearldton 93.7 F SHAFTON
06262256 W8/WLAJR OH E#91>EM09 144 W WOLL
06262302 WJMN 3 MI Escanaba T WA5IYX
06270020 K8CWNV E#80 > E#740H W #8CGY
06270020 W8EM W#77 > E#740H W #8CGY
06270032 W8BKM E#82 > E#84 Es 144 W B4UK
06270032 WYGY OH Hamilton 96.5 F WA5IYX
06270038 WCOL- OH Columbus 92.3 F WA5IYX
06270039 WQMK OH Medina 94.9 F WA5IYX
06270112 WRCI OH Columbus 97.9 F WA5IYX
06270120 WCLR OH Piqua 95.7 F WA5IYX
06270121 WJMN OH Cleveland H#92.3 F WA5IYX

United States, W9

05251900-W9 IN,IL > CM88 -2400 K6QXY
05301232 WBAY 2 WI 892 T OGLETHO
06010058 WBBM 2 IL 737 T OGLETHO
06010130 WISC 3 WI > EM04 875 T KRUSSEKA
06011659 WDTN 2 IN Terre Haute T WA5IYX
06011752 WTMJ 4 WI > EM04 885 T KRUSSEKA
06021500-W9JMS, AA9UC > DM59 50.173 S WOMTK
06030200-W9 IL > CM88 K6QXY
06031515 WTMJ 4 WI 801 T OGLETHO
06031525 WBAY 2 WI 892 T OGLETHO
06031558 WBBM 2 IL 737 T OGLETHO
06041621 W8WE IL Kikomo 92.5 F WA5IYX
06151538 KA9LNP DM30 > CM88 50.125 S VE7SKA
06240207 K9IMX EM38 > CM85 W #7EIJ
06240250 KA9CFD E#40 > CM85 W #7EIJ
06240304 B9DT 125 EM49 50.150 S VE7SKA
06240407 AA9UC EM48 > CM85 W #7EIJ
06240410 B9BJY EM58 > CM85 W #7DB
06240411 B9BJG EM57 > CM85 W #7EIJ
06242330-W9 IL -0345 > EL38 C020J
06251846 WCVB IL Virden 96.7 F WA5IYX
06251947 WDEK IL De Kalb 92.5 F WA5IYX
06251953 WETR WI Milwaukee 95.7 F WA5IYX
06261359 WBAY- 2 WI Green Bay T WA5IYX
06261359 WISC- 3 WI Madison T WA5IYX
06262335 WMKR IL Taylorvil 94.3 F COMIGLIO
06270020-W9 EN44,45 -0110 Es 144 W WA4PGM
06270020-W9 EN52,53,62 -0110 Es 144 W WA4PGM
06270032 W9NLP WI EN52 Es 144 W #4EWQ/M
06270038 WDBR IL Springfield 103.7 F SHAFTON
06270045 WKPF IL Effingham 97.9 F SHAFTON
06270048-W9NVK EN62 Es 144 W #4EWQ/M
06270100 W9NB IN Huntingbul 109.2 F WA5IYX
06270125-KB9LGN EN52 > FM17 W WB4GCS
06270130-WB9MXX EN51 > FM17 W WB4GCS
06270140-K9BE EN35 > FM17 W WB4GCS

United States, W0

05061830 KWSB 4 ND 802 T ECKBERG
05071725 KXMA 2 ND > EM32 1110 T OGLETHO
05071735 KWSB 4 ND > EM32 1206 T OGLETHO
05181840 KWSB 4 ND KXMB-12 ID 1110 T OGLETHO
05181843 KWSB 4 ND Prairie PTV1206 T OGLETHO
05230300-WOLL > CM88 B K6QXY
05230300-WBORMO > CM88 B K6QXY
05251900-W0 CO,KS > CM88 -2400 K6QXY
05252230 WOMTK DM59 > OR 50.065 B KK7AY
05252302 KAOCND DM70 > OR 50.065 B KK7AY
05252350 KTVX 3 CO 1014 T KK7AY
05260204 KOAA 3 CO > EM04 940 T KRUSSEKA
05260244 WOLL EM09OW KS>EL09 50.077 B WA5IYX
05260245 WOMTK DM59 CO>EL09 50.065 B WA5IYX
05260316 WBORMO EN10 IA>EL09 50.061 B WA5IYX
05260330 KBME 2 ND > CM88 T VE7SKA
05260433 WOIJR DM79 CO>EL09 50.064 B WA5IYX
05261630-W0 CO,KS,NE > CM88 -1830 B K6QXY
05261630-WOIJR > CM88 -1830 B K6QXY
05261630-WOMTK > CM88 -1830 B K6QXY
05261630-WBORMO > CM88 -1830 B K6QXY
05261736 KXMA 2 ND Dickinson T WA5IYX
05261750 KWGN 2 CO 806 T OGLETHO
05261800-W0 MO,KS > DM59 < 2042 H WOMTK
05261809 KOTA 3 SD Rapid City T WA5IYX

05261855 KWGN 2 CO 811 T ECKBERG
05261906 WOLL KS Smith Cntr 50.077 B WA5IYX
05261906 WBORMO IA Fairbury 50.061 B WA5IYX
05262140 KGAN 2 IA 672 T OGLETHO
05271600-WOLL B K6QXY
05271600-WOIJR B K6QXY
05271600-WOMTK B K6QXY
05271600-WBORMO > CM88 B K6QXY
05310216 WOMTK DM59 > CM88 50.065 B VE7SKA
05310225 W0 CO DM78, DM79 > CM88 VE7SKA
06010141 W0 CO > CM88 H VE7SKA
06010141 WOMTK DM59 > CM88 -0151 B VE7SKA
06010331 WOLL EM09 -0346 50.077 B VE7SKA
06012001 KGAN 2 IA Cedar Rapids T WA5IYX
06012045 KCOANG DM98 > EM21 WA5UCI
06012102 KJYJ IA Ankeny 92.5 F WA5IYX
06012105 KRAJ MN Jackson 105.7 F WA5IYX
06012110 KOAA 5 CO 734 T OGLETHO
06012112 KRLD SD Sioux Falls 92.5 F WA5IYX
06012114 KITM MN Worthington 93.5 F WA5IYX
06012117 K8SE IA Sioux City 97.9 F WA5IYX
06012120 KWGN 2 CO 806 T OGLETHO
06012135 KOAA 5 CO > EM04 940 T KRUSSEKA
06012159 KUSD 2 SD Vermillion T WA5IYX
06012200 KCNC 4 CO > EM04 1010 T KRUSSEKA
06012200 KDLO 3 SD Garden City T WA5IYX
06012210 KCNC 4 CO T OGLETHO
06012246 KBYE ND Bismarck 96.5 F WA5IYX
06012249 KDQY ND Bismarck 94.5 F WA5IYX
06012259 KBME 3 ND Bismarck T WA5IYX
06012324 KJJK MN Fergus Falls 96.5 F WA5IYX
06012355 KOTA 3 SD Rapid City T WA5IYX
06020019 KXMA 2 ND Dickinson T WA5IYX
06020310 KQFE 2 ND PRAIRIE PTV1086 T OGLETHO
06020407 WBORMO EN10 > EL09QL 50.061 B WA5IYX
06020408 W0 MN EN24 > EL09QL 50.150 H WA5IYX
06020436 WOLL EM09OW > EL09QL 50.077 B WA5IYX
06021500 KQFE 2 ND > DM59 50.173 S WOMTK
06030200 WBORMO > CM88 B K6QXY
06030400-W0 CO > CM88 B K6QXY
06030447 WOLL NE > CM88 B K6QXY
06031753 WOLL EM09 > E#66 B #8PUM
06031753 WBORMO EN10 > E#66 806 T OGLETHO
06032258 KCNC 2 CO 806 T OGLETHO
06032258 KWGN 2 CO > CM88 -0217 VE7SKA
06050123 W0 DM59 > CM88 50.077 B VE7SKA
06051541 WOLL 140' EM09>CM88 50.077 B VE7SKA
06051543 WOLL > CM88 B VE7SKA
06051604 WOMTK DM59 > EL09 50.065 B VE7SKA
06051642 KBOYH 140' DM79>CM88 50.200 S VE7SKA
06051655 KXMA 2 ND KXMB-12 1110 T OGLETHO
06051658 KREB 3 CO 140' T VE7SKA
06051714 WOIJR DM79>CM88 50.065 B VE7SKA
06051716 KDLO 3 SD Garden City T WA5IYX
06051844 KAOBAD 155' DM57>CM88 50.125 S VE7SKA
06052016 WOMTK 150' DM69>CM88 50.065 B VE7SKA
06052200 KWGN 2 CO \$T VE7SKA
06052212 KTVS 3 CO 145' T VE7SKA
06052218 KQJW 145' DM70>CM88 50.125 S VE7SKA
06071728 KQPB/M IA E#33 > DM59 S WOMTK
06072300 W0 CO DM78 > CM97 K6YK
06090340-WOORU EN34 > F#02 AU 144 W B2JH
06101642 KOGU DM70 > E#74 W #8CGY
06130112 WOLL/b 130 EM09 50.077 B VE7SKA
06130133 WOLL/b 140 EM09 50.077 B VE7SKA
06150037 WOYKR 140 EM08 50.1 S VE7SKA
06151618 WOLL 130 EM09 50.130 S VE7SKA
06151652 WOLL/b 130 EM09 50.077 B VE7SKA
06151657 WOBUF 115 DM84 50.1 S VE7SKA
06151803 KOGU DM70 > DM59 50.175 S WOMTK
06151803 W0/WIXE (PHIL ROKE) DM80 S WOMTK
06152358 KOAC EN31 W WFO40
06161652 WOLL 140' EM09>CM88 50.077 B VE7SKA
06172317 KBOMJY 100 DM94 50.135 S VE7SKA
06172340 WOELA 115 DM97 50.170 S VE7SKA
06172347 WOIJR/b 135 DM79 50.065 B VE7SKA
06172352 KWGN \$ 2 CO 135 T VE7SKA
06172355 KBOTRN 135 DM79 50.130 S VE7SKA
06172358 KAOBAD 145 DM57 50.135 S VE7SKA
06172358 KREB 3 CO 145 T VE7SKA
06180214 KIOG 140 DM69 50.125 S VE7SKA
06181345 W0 EM18, EN10, EN12 > E#66 W KC8DII
06191520 NOFQD PAUL KA > DM59 S WOMTK
06200019 NOWW BILL S WOMTK
06200118 W0 DM94, EN13 SD > DM31 UT K7UV
06201559 KDLN 3 MN EN36WS DULUTH T WA5IYX
06201657 KNOP 2 NE DM91PE N PLATTE T WA5IYX
06210324 WBORMO/b 135 EN10 50.060 B VE7SKA
06210339 WOLL/b 135 EM09 50.077 B VE7SKA
06210345 KOKE DM69 > CM87 50.210 S K6FV
06210358 WOLL 135 EM09 50.125 S VE7SKA
06210424 KOGUV W WX7R
06210425 KBOMJD 105 DM94 50.1 S VE7SKA
06210500-W0 DM70 > CM85 W K7RAT
06220212 WOIJR/b 135 DM79 50.065 B VE7SKA
06220216 KBOYH 135 DM79 50.125 S VE7SKA
06220219 WOLL 55 EN09 > CM87 50.150 S K6FV
06221549 WOIET 569 DM89>CM87 50.130 C K6FV
06221557 WOLRJ 57 DM89 > CM87 50.125 S K6FV
06230000-W0 DM79 > EM48 WAOKBE
06240056 KWGN \$ 2 CO 140 T VE7SKA
06240059 KCNC 4 CO 140 T VE7SKA
06240108 WOLL > CM85 B #7DB
06240108 WBORMJ > CM85 B #7DB
06240110 KAOCND/b 140 DM79 50.065 B VE7SKA
06240123 KBORAY 59 EN12 > CM85 W #7DB
06240159 KREB 3 CO T VE7SKA
06240200 W0 IN RAPID CITY ND 50.191 H K6FV
06240203 KAOCND 579 > CM85 B #7DB
06240257 KOAGX 125 DM99 50.146 S VE7SKA
06240343 WOBG EM39 > CM85 W #7EIJ
06242315 KHNE NE HASTINGS 89.1 F GARCIA
06242318 KRAI- CO Craig 93.7 F WA5IYX
06242330 W0 MO,KS -0345 > EL38 C020J
06242331 KBME 2 ND 95 T VE7SKA

06250015 KTGL NE LINCOLN 92.9 F GARCIA
06250024 KSLV- CO Monte Vist 95.3 F WA5IYX
06250024 KSPH- CO Aspen 97.7 F WA5IYX
06250027 KREB \$ 3 CO 125 T VE7SKA
06250030 KWGN 2 CO 125 T VE7SKA
06250032 KRIH CO Denver 95.7 F WA5IYX
06250058 KSKW 3 KS 135 T VE7SKA
06250100 KLBV \$ 4 KS 135 T VE7SKA
06250143 WOLL/b 130 EM09 50.077 B VE7SKA
06250146 KAOCND/b 140 DM79 50.065 B VE7SKA
06250242 KTVO 3 MO Kirksville T WA5IYX
06250450 WOLL EM09 > EL57 B WILP/MM
06250623 WOMTK DM59 CO 50.065 B WA5IYX
06250623 WOMTK/b DM69 > EL09 50.065 B WA5IYX
06251444 KMTV 3 NE Omaha T WA5IYX
06251447 WOLL EM09OW KS 50.077 B WA5IYX
06251448 WBORMO EN10 IA 50.061 B WA5IYX
06251459 KLEO- SD Sioux Falls 92.5 F WA5IYX
06251513 KRG1- NE Grand Jela 92.5 F WA5IYX
06251521 KVOH CO Greeley 92.5 F WA5IYX
06251535 KHIV CO Denver 95.7 F WA5IYX
06251544 KRFM CO Colorado 98.1 F WA5IYX
06251540 KFKP CO Evergreen 96.5 F WA5IYX
06251550 KTOG CO Denver 98.5 F WA5IYX
06251624 KOTA 3 SD Rapid City T WA5IYX
06251837 KTVT 3 MO Springfield T WA5IYX
06251857 KUYE CO Grand Junc 92.3 F WA5IYX
06251901 KREB CO Fruita 99.9 F WA5IYX
06251934 KRAI- 2 SD Vermillion T WA5IYX
06260056 KUSD 3 ND Bismarck 96.5 F WA5IYX
06260126 KBYE ND Bismarck 96.5 F WA5IYX
06260129 KQSD SD Lowry 91.9 F WA5IYX
06260139 KDLO ND Bismarck 94.5 F WA5IYX
06261559 KQDO- 3 SD Watertown T WA5IYX
06261559 KGAN 2 IA Cedar Rapids T WA5IYX
06262240 KCNC MO Kansas City 94.9 F SHAFTON
06262256 KBYE NE Grandisla 107.7 F SHAFTON
06262257 KISF MO Lexington 107.3 F SHAFTON
06262258 KQKY NE Kearney 105.9 F SHAFTON
06262306 KRYT NE CoCook 105.3 F SHAFTON
06262301 WAOBWE EN34 > E#84 Es 144 W #4UK
06262302 KAMI NE Cozad 104.5 F SHAFTON
06262304 KNRG CO Sterling 104.7 F SHAFTON
06262305 KWBT 6 NE HayesCenter T WA5IYX
06262307 KXMA 2 ND Dickinson T WA5IYX
06262321 KOGA NE Ogalalla 99.7 F SHAFTON
06262330 KTTM NE York 104.9 F SHAFTON
06262335 K77F KS > BY FM BAND F CONIGLIO
06262350 KLRQ MO Clinton 96.1 F SHAFTON
06270006 KOLA KS Ogden 103.5 F SHAFTON
06270008 KFRS MO Kansas Ci 103.3 F SHAFTON
06270010 KQTP KS St. Marys 102.9 F SHAFTON
06270012 KMMO MO Marshall 102.9 F SHAFTON
06270016 KFFK KS Emporia 104.9 F SHAFTON
06270018 KBKR MO Ashland 106.1 F SHAFTON
06270020 KYYQ KS Arkansas 106.5 F SHAFTON
06270020-W0 EN34,35,36 -0110 Es 144 W WA4PGM
06270021 WORRY EN24 > E#84 Es 144 H #4UK
06270032 KLEZ KS Lawrence 105.9 F SHAFTON
06270033 KJJO MO St. Josephs 105.1 F SHAFTON
06270035 KRES MO Moberley 104.7 F SHAFTON
06270036 KCHI MO Chillicoit 103.9 F SHAFTON
06270036 HOAKC WI EN44 Es 144 W #4EWQ/M
06270042 KWNR MO Mexico 95.7 F SHAFTON
06270044-HOJJE 59/59 MN EN34 Es 144 W #4EWQ/M
06270052-KAORYT MN EN34 Es 144 W #4EWQ/M
06270054 KPMZ MO Columbia 98.3 F SHAFTON
06270100 KQRC KS Leavenworth 98.9 F SHAFTON
06270102 KNOE MO Cameron 100.1 F SHAFTON
06270106 KMEU MO Carrollton 100.7 F SHAFTON
06270108 KRFN KS Oberlin 101.1 F SHAFTON
06270110 KMKF KS Manhattan 101.5 F SHAFTON
06270117 KQTH EN43 > FM17 W WB4GCS
06270135-KDQBT EN41 > FM17 W WB4GCS
06270240-WQOP/M EN19 > E#740H W #8CGY
06270259 KOGAN 2 IA Cedar Rapids T WA5IYX
06270306 KMTT 3 IA Mason City T WA5IYX

Reports of Oceania

AUSTRALIA General

06060440-VK TV > RE57 46.240 V EL3TIC
06061700 VK TV > RE57 46.240 V EL3TIC
06130430 VK TV 58-0715 46.170/51.670 T EL3TIC
06130430 VK TV 59-0715 46.240/51.750 T EL3TIC
06190300 VK TV 59+ 46.240/46.170 V EL3TIC
06190340-VK TV 59 57.25/57.24/69.75 V EL3TIC
06200528-VK TV 59 46.172 T VK3OT
06230600 VK TV 59+ 46.172 T VK3OT
06240100 VK TV 59 46.240/170/46.26 V EL3TIC
06240330 VK TV 59+ 57.250/57.240 V EL3TIC
06240345 VK TV 59+ > RE66 69.750 V EL3TIC
06240400 VK TV 59+ > RE66 86.250 V EL3TIC

AUSTRALIA-VK2 (New South Wales)

06080440-VK2 > RE66 EL3TIC
06081630 VK2RSY 559 > RE57 52.320 B EL3TIC

AUSTRALIA-VK3 (Victoria)

06080440 VK3DUT 59+ > RE66 50.130 W EL3TIC
06240320 VK3DUT 59+ > RE66 50.140 S EL3TIC

AUSTRALIA-VK4 (Queensland)

06140314 VK4 TV DQGO > QF22 46.172 V VK3ALM
06140315 VK4APL CLG CQ > QF22 50.110 H VK3ALM
06190340 VK4APL 59 W EL3TIC
06200528-VK4RGG 599 > QF12 B VK3OT
06230600 VK4RGG 50.057 B VK3OT

AUSTRALIA-VK7 (Tasmania)

06240245 VK7RAE 599 > RE66 B EL3TIC

BELAU (W. Caroline Is.)

05300822	T88JZ	559	50.110 C	JH4JPO
05300839	T88JZ	> PM95	50.110 C	JH1WHS
05300842	T88JZ	PL36	50.110 C	JR6HI
06010246	T88JZ	> PM97	50.110 C	JH0H80
06010252	T88JZ		50.110 C	JR2HCB
06010252	T88JZ	210 599	50.109	JA3EGE
06010257	T88JZ		50.110 S	JR2XBY
06010257	T88JZ	QSL JA7FWR	50.110	JR0QFA
06010300	T88JZ	> PM94	50.110 C	JH2COE
06010306	T88JZ	190 RST599	50.110	JA1RJU
06010332	T88JZ		50.110 S	JR6VSP
06010332	T88JZ	> PM86	50.110 S	JA96SB
06010350	T88JZ		50.110 S	JA5CMO
06010351	T88JZ		50.110 S	JR0QFA
06010351	T88JZ	190 RS 59	50.110	JH0BQX
06010410	T88JZ		50.110 S	JH6VXP
06010415	T88JZ	190 RS 59	50.110 S	JE4JFP/4
06010419	T88JZ		50.110 S	JR0QFA
06010429	T88JZ		50.110 S	JJ1CPN
06010442	T88JZ		50.110 S	JE3PCP
06010453	T88JZ	> PL05	50.110 S	BV2FG
06010455	T88JZ		50.110 S	JR2ULS
06010501	T88JZ	> PM37	50.110 S	HL1LTC
06010605	T88JZ		50.110 S	JG8KGT
06010645	T88JZ	> PM53	50.110 S	JA6TEW
06010646	T88JZ	> PM53	50.110 S	JA1VOK/6
06010650	T88JZ	> QM13	50.110 S	JH8HWL
06010701	T88JZ		50.110 S	JR8DAG
06010715	T88JZ		50.110 C	JR6VSP
06010720	T88JZ		50.110 S	JR2ULS
06010734	T88JZ		50.110 C	JE4JFP
06010734	T88JZ	190 CW 599	50.110	JH0BQX
06010734	T88JZ	190 RST 599	50.110	JE4JFP
06010742	T88JZ		50.110 C	JG8KGT
06010829	T88JZ		50.110 S	JA8RC
06010834	T88JZ		50.110 C	JR2HCB
06010849	T88JZ		50.110 C	JJ1CPN
06010900	T88JZ		50.110 S	JR2ULS
06010930	T88JZ		50.110 S	JE2XBY

Guam

05300839	KH2D	559	50.110 C	JH4JPO
05300842	KH2D	> PM95	50.110 C	JH1WHS
05300843	KH2D	559 180	50.110	JA1RJU
06020936	KH2D		50.110	JR0QFA
06020936	KH2D		50.110 C	JE2XBY
06030936	KH2D		50.110	JR0QFA
06080145	KH2D	180 599+QSL>K8WA	50.110	JA1RJU
06080152	KH2JU	> PM95	50.125 S	JE1TGN
06080156	KH2D		50.110 C	JE2XBY
06080159	KH2D	> QM05	50.110 C	JA1VOK
06080200	KH2D		50.110 C	JR2ULS
06080200	KH2JU		50.125 S	JE9BHE
06080207	KH2D	175 599	50.110	JE9BHE
06080208	KH2JU	175 52	50.125 S	JE9BHE
06080214	KH2JU		50.125 S	JE2XBY

Hawaiian Islands

05270523	KH0N	2 HI	-1104	55.26 V	EK1AA
05270523+K???	8 HI			181.25 V	EK1AA
05270523+KFVZ	5 HI	HOMOLULU		77.25 V	EK1AA
05270523+KGMV	3 HI	WAILUKU		61.25 V	EK1AA
05270523+KH6HI	579			50.06 B	EK1AA
05270523+KH6HME	569				B EK1AA
05270523+KHBC	2 HI	HILO		55.25 V	EK1AA
05270523+KITV	4 HI	HOMOLULU		67.24 V	EK1AA
05271434	KH0N	2 HI	-1539	55.26 V	EK1AA
05290907	KH0N	2 HI	-1047	55.26 V	EK1AA
05291432	KH0N	2 HI	-1502	55.26 V	EK1AA
0531XXXX	KGMV	3 HI	WAILUKU	61.25 V	EK1AA
0531XXXX	KHBC	2 HI	STRONGEST	55.25 V	EK1AA
0531XXXX	KH0N	2 HI	1HR 5MIN	55.26 V	EK1AA
06010610	KH0N	2 HI	-0915	55.26 V	EK1AA
06121100	KH0N	2 HI	-1145	55.26 V	EK1AA
06121435	KH0N	2 HI	-1635	55.26 V	EK1AA
06140632	KH0N	2 HI	-1151	55.26 V	EK1AA
06141436	KH0N	2 HI	-1506	55.26 V	EK1AA
06150930	KH0N	2 HI	WEAK-1130	55.26 V	EK1AA
06151435	KH0N	2 HI	WEAK-1635	55.26 V	EK1AA
06161433	KH0N	2 HI	-1503	55.26 V	EK1AA
06180215	KH6HME	tr 80	0300>DM14	144.170 B	KGJO
06181433	KH0N	2 HI	-1603	55.26 V	EK1AA
06190800	KH0N	2 HI	WEAK-0900	55.26 V	EK1AA
06191434	KH0N	2 HI	-1619	55.26 V	EK1AA
06192200	KH6HME	tr 80	-2300	432.075 B	KO6RS
06192200	KH6HME	tr 81	-2300	144.170 B	KO6RS
06200200	KH6HME	tr 56		144.170 B	K6LJM
06210804	KHBC	2 HI	>1218	55.25 V	EK1AA
06210804	KH0N	2 HI	-1218	55.26 V	EK1AA
06210804	KITV	4 HI	>1218	67.24 V	EK1AA
06220900	KGMV	3 HI	WAILUKU	61.25 V	EK1AA
06220900	KH6HME				B EK1AA
06220900	KHBC	2 HI	HILO	55.25 V	EK1AA
06220900	KH0N	2 HI	-1244	55.26 V	EK1AA
06220900	KITV	4 HI	HOMOLULU	67.24 V	EK1AA
06221441	KH0N	2 HI	-1606	55.26 V	EK1AA
06230800	KH6	2 HI	CHS 3,4	V	EK1AA
06230800	KH6HME				B EK1AA
06230800	KH0N	2 HI	-1100	55.26 V	EK1AA
06240950	KGMV	3 HI	WAILUKU	61.25 V	EK1AA
06240950	KHBC	2 HI	HILO	55.25 V	EK1AA
06240950	KH0N	2 HI	-1120	55.26 V	EK1AA
06250922	KH0N	2 HI	-1152	55.26 V	EK1AA
06251436	KH0N	2 HI	-1506	55.26 V	EK1AA
06260716	KH6	2 HI	CHS 3,4,5	55.25 V	EK1AA
06260716	KH6HME				B EK1AA
06260716	KH0N	2 HI	-1143	55.26 V	EK1AA
06280543	KH0N	2 HI	-1213	55.26 V	EK1AA

Marshall Islands

05200816	V73AT	50.110 C	JA1/2/6/7	
06050735	V73AT	140 -0830	50.110	JA1RJU
06050808	V73AT		50.110 C	JR2HCB

06152245 V73BQ?

50.110 H JA5CMO

Minami Tori Shima

05092235	JD1BIY	50.110 C	JE2XBY
05100806	JD1BIY	50.110 S	JJ1CPN
05100819	JD1BIY	50.120 S	JH0BQX
05110820	JD1BIY	50.110 S	JJ1CPN
05120822	JD1BIY	50.110 S	JG2MLI
05140945	JD1BIY	50.110 S	JG2MLI
05180218	JD1BIY	50.110 S	JJ1CPN

NEW ZEALAND

06080200 EL3TIC 095 WKG VK3DUT 50.140 VK3BIX

Ogasawara Island

05110117	JD1BJP	50.177 S	JE4JFP/4	
05260508	JD1BJP	50.180 S	JE2XBY	
05310132	JD1BJP	50.110 S	JJ1CPN	
06070134	JD1BJP	50.210 S	JA5CMO	
06080045	JD1ADP/b	QL17 >QM05	50.013 B	JA1VOK
06080332	JD1BJP	QL17	50.137 S	JA1VOK
06080340	JD1BJP		50.136	JR0QFA
06080341	JD1BJP	(JD1-0)	50.138 S	JE2XBY
06080350	JD1BJP	(JD1-0)	50.138 S	JJ1CPN
06090230	JD1ADP	180° CHICHIJIMA	.013 B	JA1RJU
06090230	JD1ADP/B		50.013 B	JR2HCB
06100347	JD1BJP	(JD1-0)	50.160 S	JE2XBY
06210531	JD1BJP		50.110 H	JA1VOK

PHILLIPINES

05180333	DU7/W7ET	50.105 C	JA1	
06010723	DU7/W7ET	50.080 C	JR2HCB	
06010723	DU7/W7ET	190 539-559	50.080 C	JE9BHE
06010730	DU7/W7ET		50.104 C	JR2ULS
06010737	DU7/W7ET	210 RST 599	50.105 C	JE4JFP
06010742	DU7/W7ET	> PM53	50.105 H	JA3JTG
06010744	DU7/W7ET	200	50.105 H	JA1VOK/6
06010744	DU7/W7ET		50.105	JH0BQX
06010747	DU7/W7ET		50.105 C	JR6VSP
06010823	DU7/W7ET		50.105 C	JA8RC
06010832	DU7/W7ET		50.104 C	JJ1CPN

Note from EH8BPX

(There may be errors in my deciphering Avelino's handwriting as well as translation and interpretation errors. VRF)

Estimado amigo.

Muy mala propagación al comienzo de la temporada espero que mejore según llegue el vez año. Solo may que des tacar 4 locators nuevos.

Esto es todo por el momento un saludo. Ultima noticia licencia "EH" hasta "Septiembre 97."

Esteemed friend.

Very poor propagation at the beginning of the season. Hope that it improves with time remaining this year. {In the log submitted} I have only 4 new grid locators. This is everything for the moment. Greetings. Last news EH license good until September 97.

Avelino Martin, Chamiana 15, 38911 La Matanza, Tenerife, Canary Is. SPAIN

Note from XE2XWB

Los Domingos tenemos reunión de seismetristas en la frecuencia de 7.166 a 7.171 MHz (XE1GE, XE1AVM, XE1GRR y algunas otras estaciones más) desde las 1630 UTC hasta las 1800 UTC.

We on Sundays have meeting of six meter enthusiasts on a frequency of 7.166 to 7.171 MHz (XE1GE, XE1AVM, XE1GRR and some other stations) from 1630 UTC until 1800 UTC.

L. Bernardo Gonzalez M., P.O. Box 674,

La Paz, Baja California Sur, 23000, MEXICO

DX-peditions/6m Operations

Barbados: Enno, PA0ERA, is to be active from July 3-16, during a holiday from Hometown on the West Coast. Primarily CW on the WARC bands, Enno will also be on 6m with an IC-706 and 4 el. Yagi, possibly with a 6m beacon.

Oki-Archipelago (AS-041): Four JA4s will be QRV on IOTA frequencies and 6m between June 28 and June 30.

Aland Islands (OH0): Tim, N4GN, and OH1NX and OH2BH will be active from July 7-9 from a well-placed site. In addition to HF, they specify 50.104 CW and 50.110 SSB. QSL via Tim Totten, N4GN, 8309 Dawson Hill Road, Louisville, KY 40299-5317.

Market Reef (OJ0): The OH0 group mentioned above will be joined by OH1VR, OH1RX, OH3FT, and OH0RJ on July 10, when the Finnish Coast will transport them (from OH0) to this barren rock between Finland and Sweden for the IARU Radiosport Championship. They plan to operate there until July 14 and will make a special effort to activate 6m. QSL to home call QTHs.

Sweden (JP62EJ): SM3VEE, SM3JGG, SM3EQY, and SM3GSK plan to arrive in JP62 on July 19 and to be QRV there 24 hrs/day until July 23. In Sweden you have to get a special permission for every QTH you operate from on 50 MHz. This has been received. They will be QRV for the Nordic Activity Contest on the 22nd.

Cayman Is.: A group of South Florida DXers will operate from Little Cayman Island (NA-016, EK99) July 10-15 signing ZF2DN/ZF8 for the IARU HF Championship and ZF2PU/ZF8 for the CQ VHF contest, and individual calls outside the contest periods. ZF2DN/ZF8 QSL via KP4AM, ZF2DE/ZF8 QSL via N4BP; ZF2PU/ZF8 QSL via W4OVU; ZF2JS/ZF8 QSL via WD4JNS.

South Pacific: Here is an update (as of June 13) of Jack Haden's itinerary.

Suva	June 27	July 1	3D2JH
Rabi Island	July 2	July 4	3D2JH
Funafuti	July 7	July 9	T20JH
Tarawa	July 13	July 15	T30JH
Banaba Island	July 16	July 22	T33JH
Tarawa	July 23	July 24	T30JH
Funafuti	July 28	July 29	T20JH
Suva	Aug 2	Aug 6	3D2JH

Schedule subject to change as traveling by ship, so rough weather etc. must be taken into account. Stops planned for Nauru (C2) and Rotuma Island (3D2) have been canceled due to official reasons by the charterers of the vessel M/V Katika-1. There will be no 6m from Rabi

Island, only 80-10m; 6m will be active from all other locations. Radio is IC-736, ED-52C, 80-10m trap dipole and Cushcraft A50 five element for six: 100W all bands. On air times Rabi and Banaba Islands subject to local island generator, operating times and free time available from my work commitments. ... 6m watch will be on 50.110 SSB. QSL must be direct only--not via bureau. Must have SAE and sufficient return postage included, otherwise no reply.

Beacon News

Brazil: PP1CZ is now QRV on 50.0809 MHz from GG99UQ with 3 W to a 5 el. Yagi, which will be replaced by a vertical. Reports to Box 010.629, Vitoria, E.S. Brazil or Internet e-mail pp1cz@br.homeshipping.com.br.

WSWSS SPRINT

The Western States Weak Signal Society presents the Second Annual WSWSS VHF and Above SPRINT 7 to 11 PM local time, Wednesday September 3, 1997. The object is to QSO as many different grids as possible on the bands 50 MHz and up during the four-hour contest period. The event is a good opportunity to test your equipment in preparation for the ARRL September VHF QSO party.

Classes: Single Operator, Multi-Operator, QRP (25 Watts or less) and Rover. A rover is one or two amateurs operating from more than one grid; no captive rovers or grid circling allowed.

Exchange: ARRL four character grid locators. Signal reports are optional.

Scoring: Same as the ARRL June VHF QSO Party.

Results: All entries received will appear in the WSWSS Newsletter. The highest entry from each ARRL-defined region (West Coast, Midwest, etc.) and the highest entry from each ARRL section within the West Coast Region in each of the above classes will be highlighted in bold.

Send logs, summary sheet, and S.A.S.E. within 30 days to Erik Dean, NI6G, 3813 N. State Ave., Fresno, CA 93722. Electronic submission of logs is encouraged in any of the following formats to ni6g@amsat.org: ASCII, CT (versions 7 or 8), or LOGPlus!, on DOS formatted 720k or 1.44MB floppy disks.

DUBUS Delayed

Issue 2/97 of DUBUS (a German VHF Magazine) will be late being published. The staff of DUBUS would like to apologize for the delay; the Editor is not, for family reasons, able to work on the magazine at the moment. The issue will be sent to the printers in mid-July

and hopefully will be posted in the middle of August.

QEX Delayed

The following appeared in a letter sent to QEX subscribers and on page 2 of July 1997 QEX, which I have just received.

{Beginning of letter}

Dear QEX Subscriber:

You have no doubt noticed that QEX delivery has been sporadic over the past year, with most issues reaching you later than expected. The last issue to go to press was QEX for December 1996, which was mailed in February 1997.

{beginning of editorial}

We're Back

Did you miss us? The last issue of QEX published prior to the one you hold in your hands was the December, 1996 issue.

{both letter & editorial}

So, what happened to the January through June 1997 issues? The short answer is: there weren't any.

The longer answer is that due to a combination of circumstances, we suspended publication of QEX for the first six months of 1997. The reasons why QEX failed to appear during that period are several. Foremost among them is that staff resources to get QEX out the door suddenly became scarce due to staff departures and the shifting of duties of other staff to focus on income-generating projects in light of the League's 1996 financial performance. (Nobody here works full-time on QEX. We all have other duties as well.)

At the same time, incoming article material suitable for use in QEX slowed to a trickle.

{editorial only}

It seemed expedient, therefore, to defer working of QEX for a while.

{both}

Our original idea was that we would simply be a bit late on a few issues. But as other projects consumed more-than-expected time, QEX kept slipping further behind. Finally, we decided the best thing to do is to simply start afresh, with the July issue, and just not publish the January through June issues.

{editorial only}

Each QEX subscriber will receive all of the issues paid for; your subscription will simply be extended by six months to account for the six "missing" issues.

We regret the annoyance this has caused some subscribers. We're confident we have implemented solutions to the problems of getting QEX to you, and we don't expect any repetition of this suspension of publication.

{letter only}

The July issue will be on its way to you by July 1. We wish to stress that you will not miss any issues of QEX. We will extend your subscription accordingly to ensure that you receive all issues due you. Future issues are already in the works. We have gathered a generous supply of the material that QEX readers have come to expect. In addition, we're pleased to announce that Rudy Severns, N6LF, will be joining the QEX staff with the September issue. Rudy is a regular contributor to the ARRL Antenna Compendium series and served as Assistant Editor of the new 18th edition of the ARRL Antenna Book. In addition, Rudy has written for Communications Quarterly and has published many professional papers.

We're not proud of our track record and sincerely apologize for the issue delays and the inconvenience and frustration we have caused you. Once QEX production has resumed, we fully intend to produce issues on a monthly basis and deliver them to you in a timely manner. We realize, however, that the problems we've described above may have jeopardized our credibility in this area. If you would prefer to cancel your subscription, we will promptly issue a refund for all undelivered issues. You can request a refund by phone (toll free 1-888-277-5289), fax (860-594-0303), e-mail (circulation@arrl.org), or mail.

Again, we apologize and hope that you will continue your subscription. If you have any questions regarding this matter, please contact us.

Sincerely, Mark J. Wilson, K1RO
ARRL Publications Manager

{editorial only}

This Month in QEX

Direct digital synthesis (DDS) is a standard way of generating signals these days--nothing new or mysterious about it. But you may still be looking for a DDS project to get started using and understanding the technology. "Building a Direct Digital Synthesis VFO," by Curtis W. Preuss, WB2V, provides such a project.